

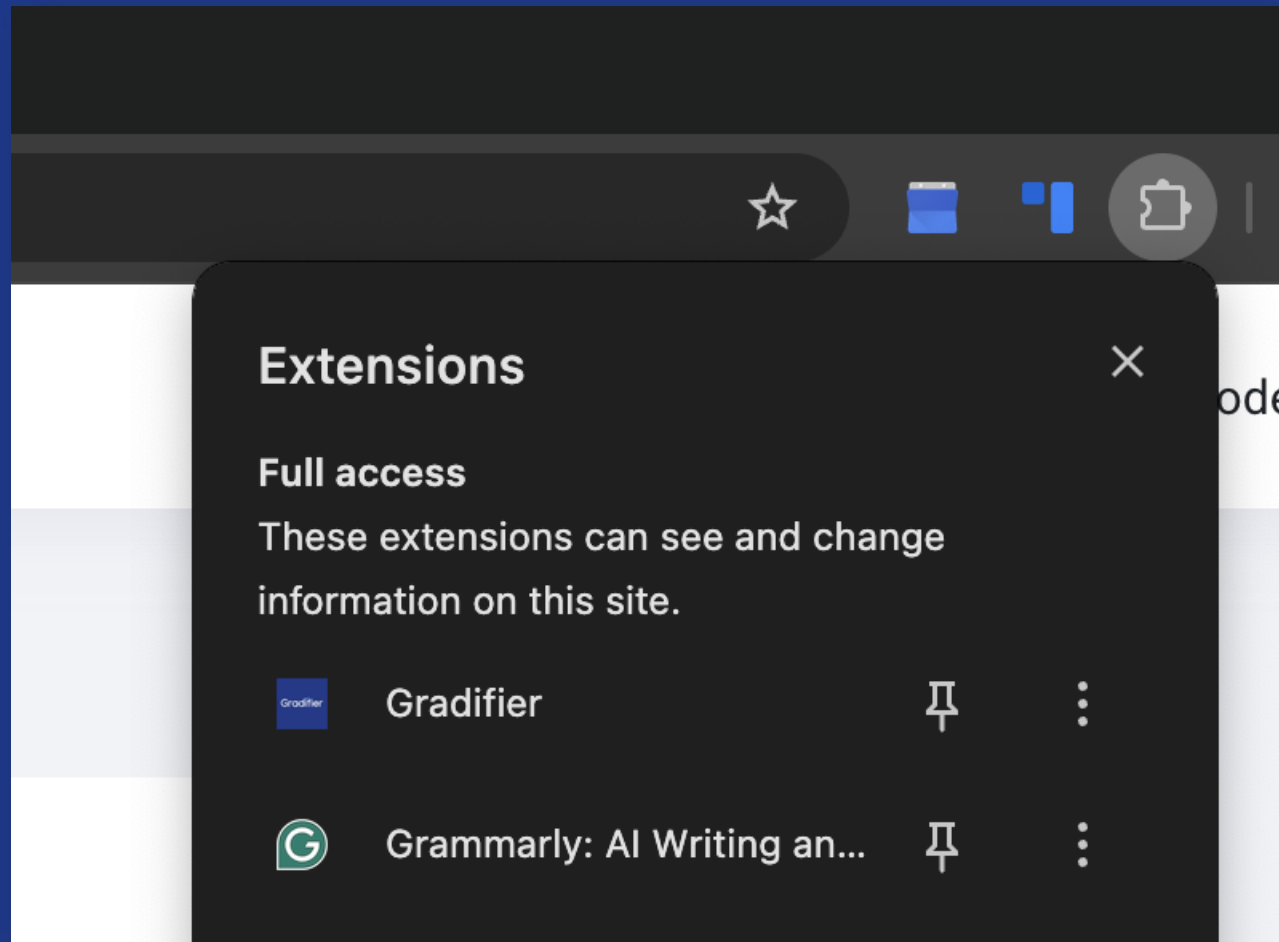


# Gradifier

## User Manual

# Make Sure the Gradifier is Turned On

Before grading any quizzes, let's make sure the Gradifier extension is active in Chrome.

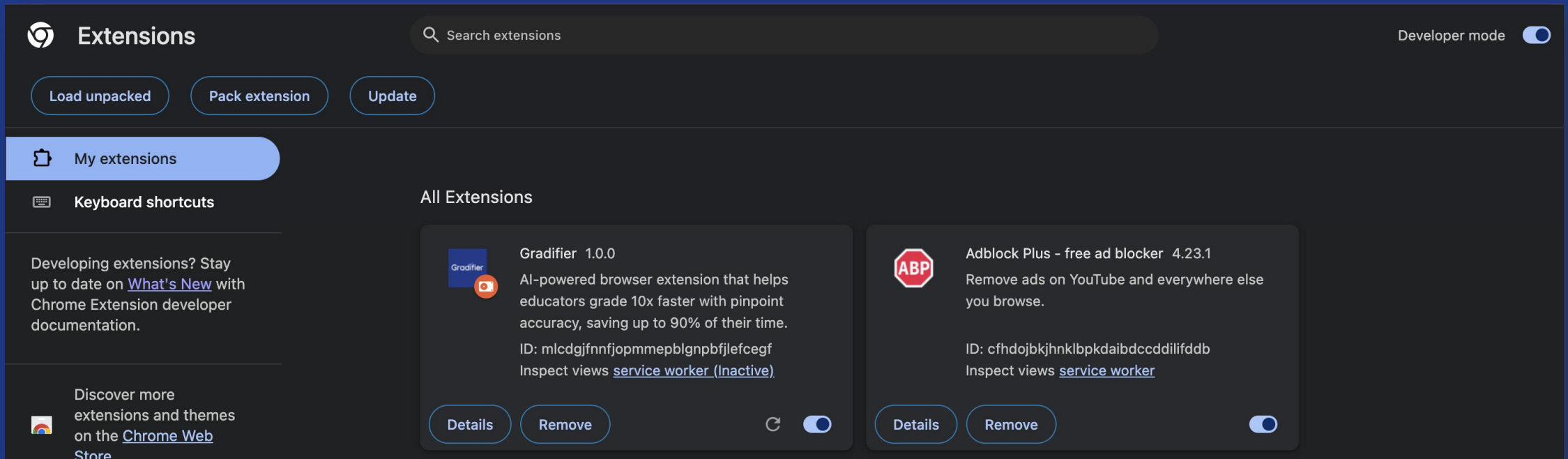


- I. Open Google Chrome.
- II. Click the Extensions icon (puzzle piece) in the top-right corner of the browser.
- III. Look for Gradifier in the dropdown list.



# Gradifier Extension is not visible?

You can enable it through Chrome's Manage Extensions page.



The screenshot shows the Chrome 'Extensions' management page. At the top, there's a search bar and a 'Developer mode' toggle which is turned on. Below the search bar are three buttons: 'Load unpacked', 'Pack extension', and 'Update'. The left sidebar has a 'My extensions' tab selected, and a 'Keyboard shortcuts' section below it. The main area is titled 'All Extensions' and displays two installed extensions. The first extension is 'Gradifier 1.0.0', described as an 'AI-powered browser extension that helps educators grade 10x faster with pinpoint accuracy, saving up to 90% of their time.' Its ID is 'mlcdgjfnfjopmmepblgnpbjlefcegf' and it has an 'Inspect views' link pointing to 'service worker (Inactive)'. The second extension is 'Adblock Plus - free ad blocker 4.23.1', described as 'Remove ads on YouTube and everywhere else you browse.' Its ID is 'cfhdojbkjhnlbpkdaibdcddilifddb' and it also has an 'Inspect views' link pointing to 'service worker'. Both extension cards have 'Details' and 'Remove' buttons, a refresh icon, and a toggle switch which is currently turned on.

**Extensions** Search extensions Developer mode ☒

Load unpacked Pack extension Update

**My extensions**


Keyboard shortcuts

Developing extensions? Stay up to date on [What's New](#) with Chrome Extension developer documentation.


Discover more extensions and themes on the [Chrome Web Store](#)

**All Extensions**

**Gradifier 1.0.0**  
AI-powered browser extension that helps educators grade 10x faster with pinpoint accuracy, saving up to 90% of their time.  
ID: mlcdgjfnfjopmmepblgnpbjlefcegf  
Inspect views [service worker \(Inactive\)](#)

Details Remove  ☒

**Adblock Plus - free ad blocker 4.23.1**  
Remove ads on YouTube and everywhere else you browse.  
ID: cfhdojbkjhnlbpkdaibdcddilifddb  
Inspect views [service worker](#)

Details Remove  ☒



# Enabling the Gradifier Extension in Google.

Access “Manage Extensions” using one of the following methods:

## Option 1:

- I. In the Chrome address bar, type: `chrome://extensions`
- II. Press Enter
- III. Find Gradifier in the list and make sure the toggle switch is turned on

## Option 2:

- I. Click the 3 dots in the top-right corner of Chrome
- II. Go to Extensions
- III. Click Manage Extensions
- IV. Find your Gradifier in the list and make sure the toggle switch is turned on



# Navigate to the Quiz Grading on Moodle

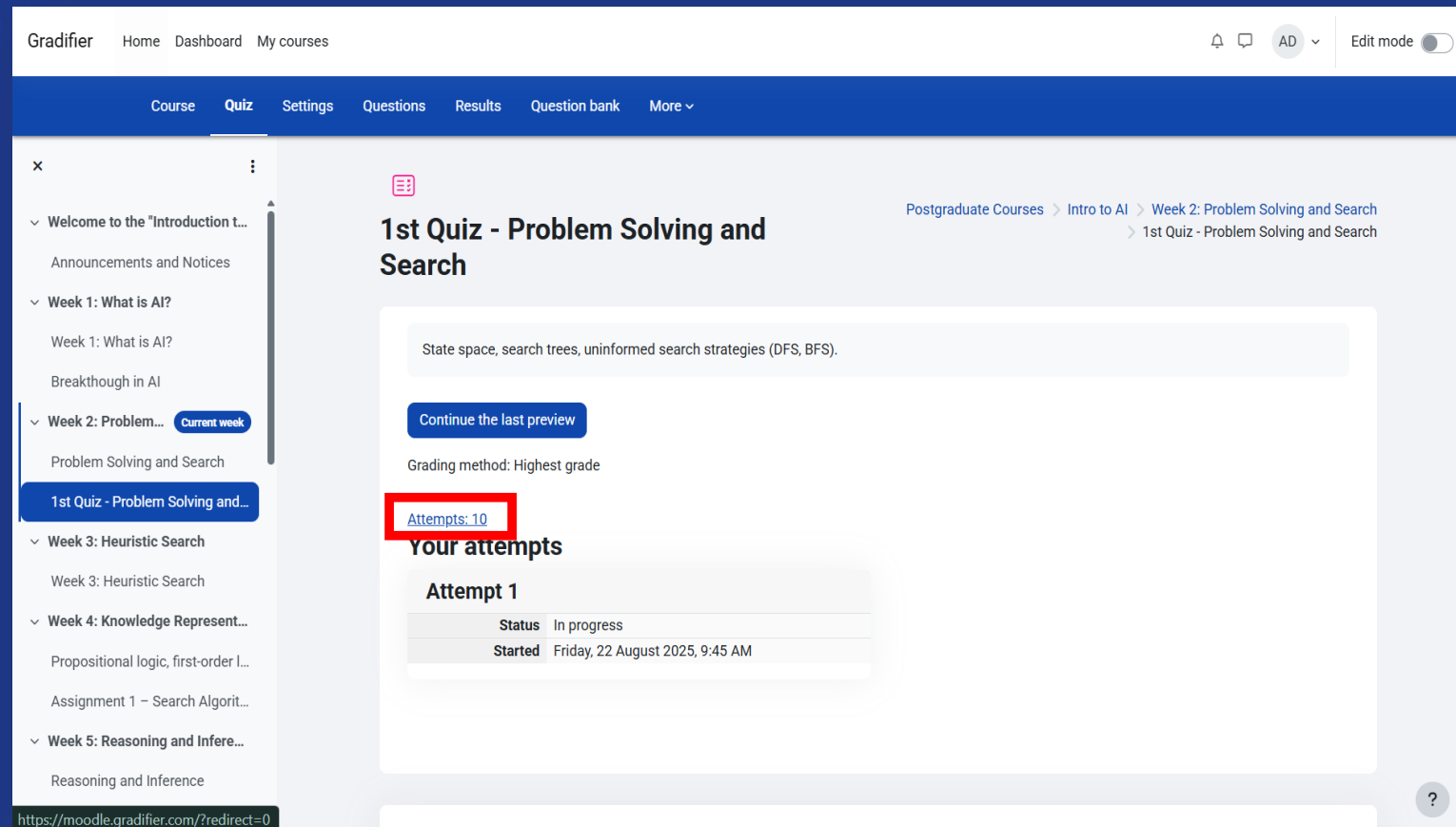
Even after activating the Gradifier Extension, you won't see it in action until you reach the quiz grading page in Moodle.

- A. Open Quiz Attempts
- B. Select "Manual Grading"
- C. Click "Grade all"



# A. Open Quiz Attempts

1. Go to your Moodle course and open the quiz you want to grade.
2. Click on “Attempts” to view student submissions.



The screenshot shows the Moodle Gradifier interface. The top navigation bar includes 'Gradifier', 'Home', 'Dashboard', and 'My courses'. The main navigation bar has 'Course', 'Quiz', 'Settings', 'Questions', 'Results', 'Question bank', and 'More'. The left sidebar shows a course structure with 'Week 2: Problem Solving and Search' selected. The main content area displays the '1st Quiz - Problem Solving and Search' page. The quiz title is '1st Quiz - Problem Solving and Search'. Below the title, there is a description: 'State space, search trees, uninformed search strategies (DFS, BFS)'. A button 'Continue the last preview' is visible. The grading method is 'Highest grade'. A link 'Attempts: 10' is highlighted with a red box. Below this, the section 'Your attempts' is shown, with 'Attempt 1' listed. The status of Attempt 1 is 'In progress' and it started on 'Friday, 22 August 2025, 9:45 AM'. The URL at the bottom is 'https://moodle.gradifier.com/?redirect=0'.

Gradifier Home Dashboard My courses

Course Quiz Settings Questions Results Question bank More

Welcome to the "Introduction t...  
Announcements and Notices

Week 1: What is AI?  
Week 1: What is AI?  
Breakthrough in AI

Week 2: Problem... **Current week**  
Problem Solving and Search  
**1st Quiz - Problem Solving and...**

Week 3: Heuristic Search  
Week 3: Heuristic Search

Week 4: Knowledge Represent...  
Propositional logic, first-order l...  
Assignment 1 – Search Algorit...

Week 5: Reasoning and Inference...  
Reasoning and Inference

1st Quiz - Problem Solving and Search

Postgraduate Courses > Intro to AI > Week 2: Problem Solving and Search  
> 1st Quiz - Problem Solving and Search

State space, search trees, uninformed search strategies (DFS, BFS).

Continue the last preview

Grading method: Highest grade

**Attempts: 10**

**Your attempts**

**Attempt 1**

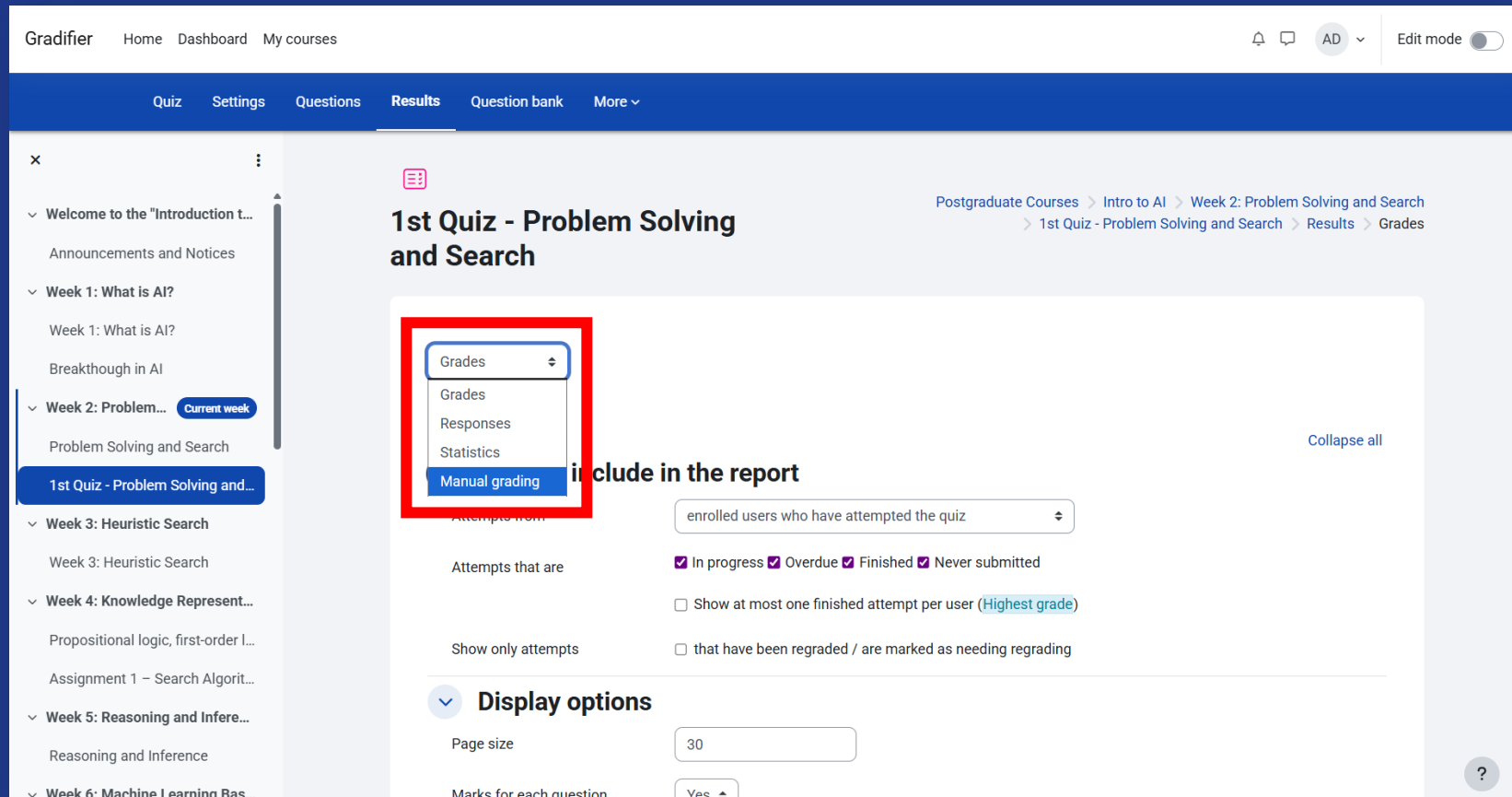
Status	In progress
Started	Friday, 22 August 2025, 9:45 AM

https://moodle.gradifier.com/?redirect=0



## B. Select “Manual Grading”

Select “Manual grading” to proceed to the grading options.



The screenshot shows the Gradifier interface. The top navigation bar includes 'Gradifier', 'Home', 'Dashboard', and 'My courses'. The main navigation bar has 'Quiz', 'Settings', 'Questions', 'Results', 'Question bank', and 'More'. The left sidebar lists course content, with 'Week 2: Problem Solving and Search' highlighted as the 'Current week'. The main content area displays the '1st Quiz - Problem Solving and Search' results. A dropdown menu is open, showing options: 'Grades', 'Responses', 'Statistics', and 'Manual grading'. The 'Manual grading' option is highlighted with a red box. Below the dropdown, there are settings for 'Attempts from' (enrolled users who have attempted the quiz), 'Attempts that are' (In progress, Overdue, Finished, Never submitted), and 'Show only attempts' (Show at most one finished attempt per user, that have been regraded / are marked as needing regrading). The 'Display options' section shows 'Page size' (30) and 'Marks for each question' (Yes).



# C. Click “Grade all”

Under the question you want to grade, click “Grade all”

Gradifier

HomeDashboardMy courses

AD

Edit mode

QuizSettingsQuestionsResultsQuestion bankMore

×

Welcome to the "Introduction t...

Announcements and Notices

Week 1: What is AI?

Week 1: What is AI?

Breakthrough in AI

Week 2: Problem...

Current week

Problem Solving and Search

1st Quiz - Problem Solving and...

Week 3: Heuristic Search

Week 3: Heuristic Search

Week 4: Knowledge Represent...

Propositional logic, first-order l...

Assignment 1 – Search Algorit...

Week 5: Reasoning and Inference...

1st Quiz - Problem Solving and Search

Postgraduate Courses > Intro to AI > Week 2: Problem Solving and Search > 1st Quiz - Problem Solving and Search > Results > Manual grading

Manual grading

Questions that need grading

Also show questions that have been graded automatically

Q #	T	Question name	To grade	Already graded	Total
1		1st question	5 Grade	5 update grades	10 grade all
2		2nd question	8 Grade	0	10 grade all
3		3rd question	0	10 update grades	10 grade all





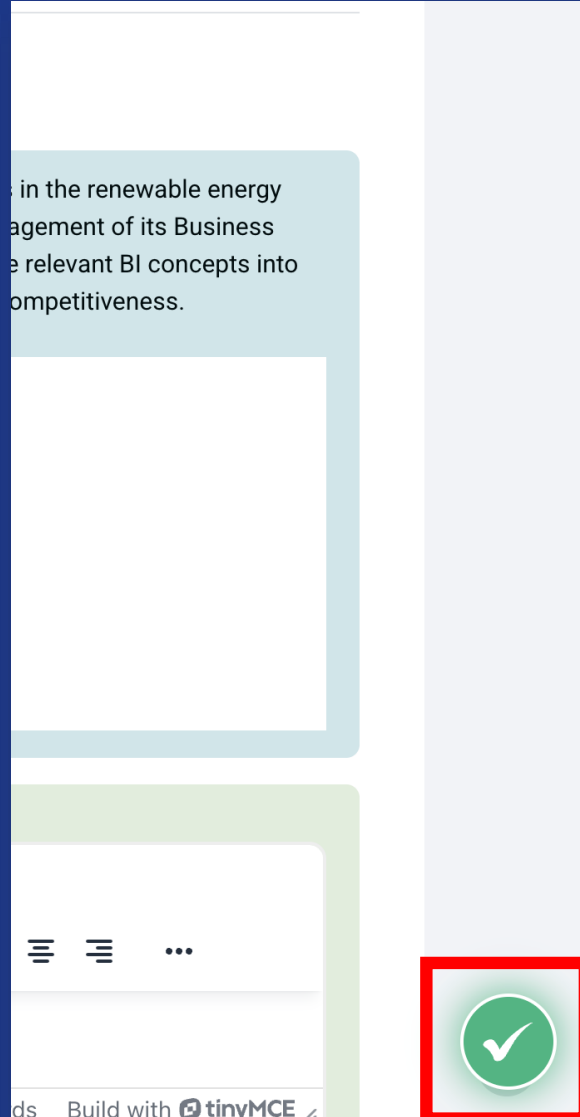
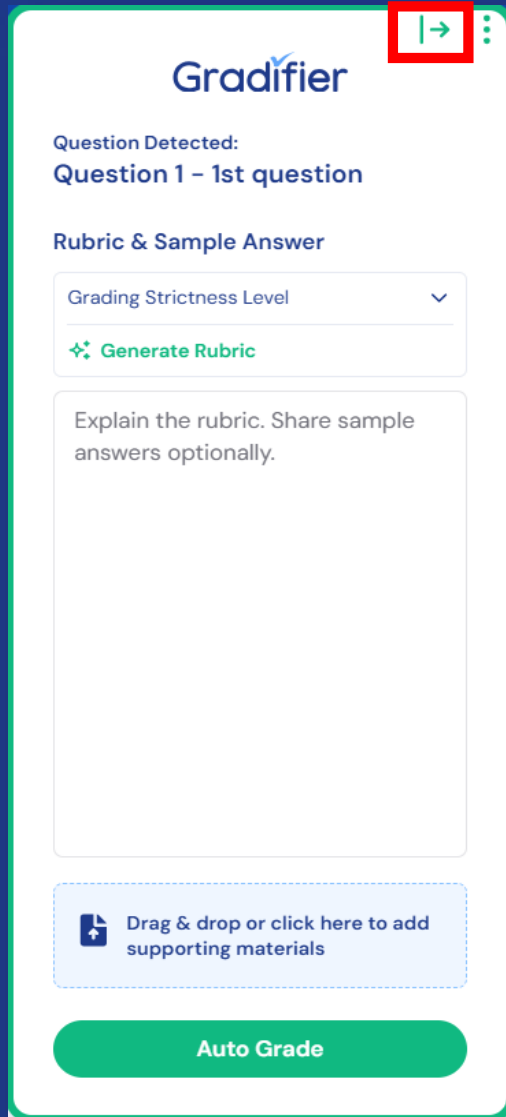
# Locate the Gradifier Extension

Once you arrive at the quiz grading page, you will see the Gradifier Tool icon at the bottom-right corner of the screen

The screenshot displays the Gradifier web application interface. At the top, there is a navigation bar with links for Home, Dashboard, and My courses. Below this is a blue header bar with navigation tabs: Quiz, Settings, Questions, Results (selected), Question bank, and More. A left sidebar contains a list of course topics, with '1st Quiz - Problem Solving and Search' highlighted in blue. The main content area shows the title '1st Quiz - Problem Solving and Search' and a breadcrumb trail: Postgraduate Courses > Intro to AI > Week 2: Problem Solving and Search > 1st Quiz - Problem Solving and Search > Results > Manual grading. Below the title, there is a 'Manual grading' dropdown menu. The section 'Grading question 1: 1st question' is displayed, with a 'Back to the list of questions' link. Under the 'Options' section, there are settings for 'Attempts to grade' (set to All (10)), 'Questions per page' (set to 5), and 'Order attempts by' (set to Date). A 'Change options' button is located below these settings. At the bottom of the main content area, it says 'Grading attempts 1 to 5 of 10'. In the bottom-right corner of the main content area, there is a green circular icon with a white checkmark, which is highlighted by a red square. This icon represents the Gradifier Tool.



# Collapse or Expand the Tool



- Click the collapse button at the top-right corner of the Gradifier Tool to minimize it to a button.
- Click the Gradifier button again to expand and reopen the Tool when needed.



# Log In to Gradifier

Log in using your email and password to access the full features of the Gradifier Tool.

The screenshot displays the Gradifier web application interface. At the top, a navigation bar includes links for Home, Dashboard, and My courses, along with a user profile icon labeled 'AD' and an 'Edit mode' toggle. Below this, a secondary navigation bar features Quiz, Settings, Questions, Results (the active tab), Question bank, and a More dropdown menu. On the left, a sidebar menu lists various course topics, with 'Week 2: Problem Solving and Search' highlighted as the 'Current week'. The main content area shows the '1st Quiz - Problem Solving and Search' results page. It includes a breadcrumb trail: Postgraduate Courses > Intro to AI > Week 2: Problem Solving and Search > 1st Quiz - Problem Solving and Search > Results > Manual grading. The page title is '1st Quiz - Problem Solving and Search'. Below the title, there's a 'Manual grading' dropdown menu. The main heading is 'Grading question 1: 1st question', with a link to 'Back to the list of questions'. Under the 'Options' section, there are three settings: 'Attempts to grade' set to 'All (10)', 'Questions per page' set to '5', and 'Order attempts by' set to 'Date'. A 'Change options' button is located below these settings. At the bottom, it says 'Grading attempts 1 to 5 of 10'. On the right side of the page, a login modal is open, featuring the Gradifier logo, a 'Sign In' button, input fields for 'Email Address' and 'Password', a green 'Login' button, and a link for 'Don't have an account?'.

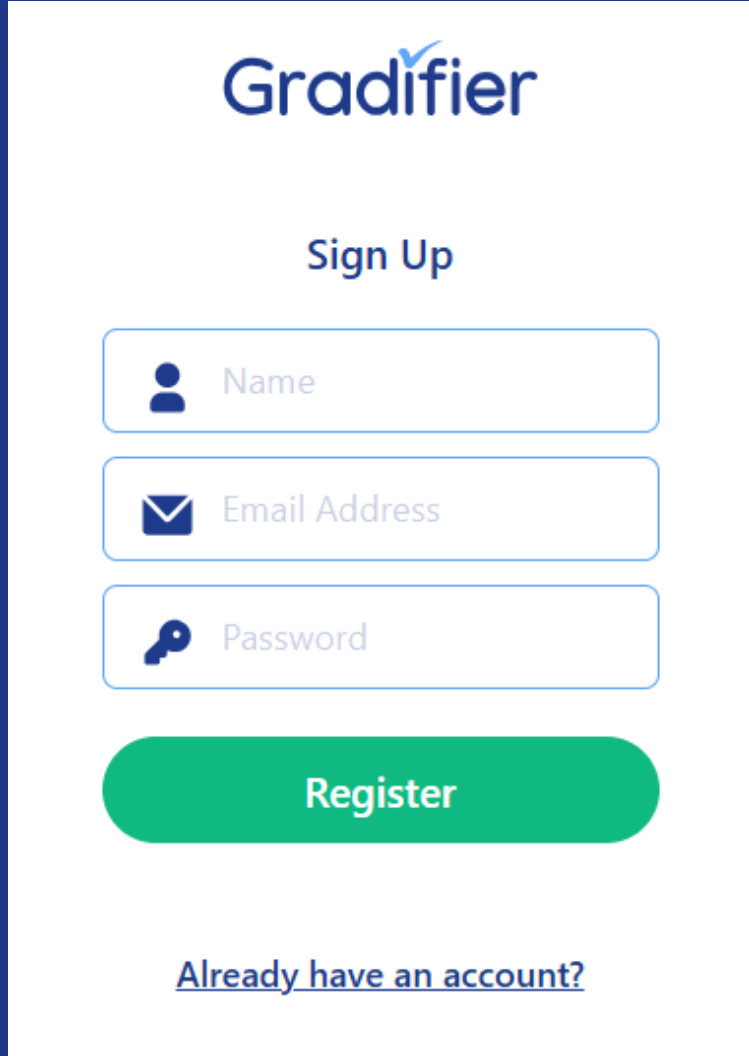


# Account Registration (First-Time Users Only)

If you're using this tool for the first time, click “Don't have an account?” to begin the registration process.

The screenshot displays the Gradifier web application interface. The top navigation bar includes links for Home, Dashboard, and My courses. A secondary navigation bar contains Quiz, Settings, Questions, Results, Question bank, and More. The main content area is titled "1st Quiz - Problem Solving and Search" and shows a "Manual grading" dropdown. Below this, the "Grading question 1: 1st question" section is visible, featuring an "Options" dropdown and a "Change options" button. The "Grading attempts 1 to 5 of 10" section is also present. A sidebar on the left lists various course topics, with "1st Quiz - Problem Solving and Search" highlighted. A login overlay is shown in the bottom right corner, featuring a "Sign In" section with fields for "Email Address" and "Password", a "Login" button, and a "Don't have an account?" link highlighted with a red box. A blue checkmark is visible in the bottom right corner of the slide.


# Complete the Registration Form





The image shows a registration form for Gradifier. At the top is the Gradifier logo, which consists of the word "Gradifier" in a dark blue font with a small blue checkmark above the 'i'. Below the logo is the text "Sign Up" in a dark blue font. There are three input fields, each with a blue icon on the left and a placeholder text: a person icon for "Name", an envelope icon for "Email Address", and a key icon for "Password". Below these fields is a green rounded rectangular button with the word "Register" in white. At the bottom of the form is a link that says "Already have an account?" in a dark blue font.

Gradifier

Sign Up

 Name

 Email Address

 Password

Register

[Already have an account?](#)

You'll be redirected to the registration portal. Enter your username, email, and password to create an account.



# View the Gradifier Interface

After logging in, you'll see the question details, along with a text box (Input area) where you can enter the rubric and/or sample answers.

The screenshot displays the Gradifier web application interface. At the top, a navigation bar includes 'Gradifier', 'Home', 'Dashboard', and 'My courses'. Below this, a secondary navigation bar features 'Quiz', 'Settings', 'Questions', 'Results', 'Question bank', and 'More'. The main content area is titled '1st Quiz - Problem Solving and Search' and includes a 'Manual grading' dropdown. A sidebar on the left lists course weeks, with 'Week 2: Problem Solving and Search' highlighted. The right-hand panel, titled 'Gradifier', shows 'Question Detected: Question 1 - 1st question' and a 'Rubric & Sample Answer' section. This section includes a 'Grading Strictness Level' dropdown, a 'Generate Rubric' button, a text input area for rubric and sample answers, and an 'Auto Grade' button. A blue checkmark is visible in the bottom right corner of the slide.

# Set Grading Strictness Level and Auto Generate the Rubric

Gradifier Home Dashboard My courses

Quiz Settings Questions Results Question bank More ▾

Announcements and Notices

- Week 1: What is AI?
- Week 1: What is AI?
- Breakthrough in AI
- Week 2: Problem... **Current week**
- Problem Solving and Search
- 1st Quiz - Problem Solving and...
- Week 3: Heuristic Search
- Week 3: Heuristic Search
- Week 4: Knowledge Represent...
- Propositional logic, first-order I...
- Assignment 1 – Search Algorit...
- Week 5: Reasoning and Inferen...

1st Quiz - Problem Solving and Search

Postgraduate Courses > Intro to AI > W...> 1st Quiz - Problem Solving and Search

Manual grading ▾

Grading question 1: 1st question [Back to the list of questions](#)

Options

Attempts to grade

Questions per page

Order attempts by

Snipping Tool

Question Detected:  
Question 1 – 1st question

Rubric & Sample Answer

Grading Strictness Level

Lenient Moderate Very Strict

Generate Rubric

Criteria List:

- Explanation of search problem formulation in AI (2.5)
- Identification and description of the key components of a search problem (3)
- Explanation of how search trees are built (1.5)
- Explanation of how search trees are used to find solutions (1.5)
- Inclusion and clarity of an example illustrating the concepts (1.5)

Rubric.yaml

Drag & drop or click here to add supporting materials

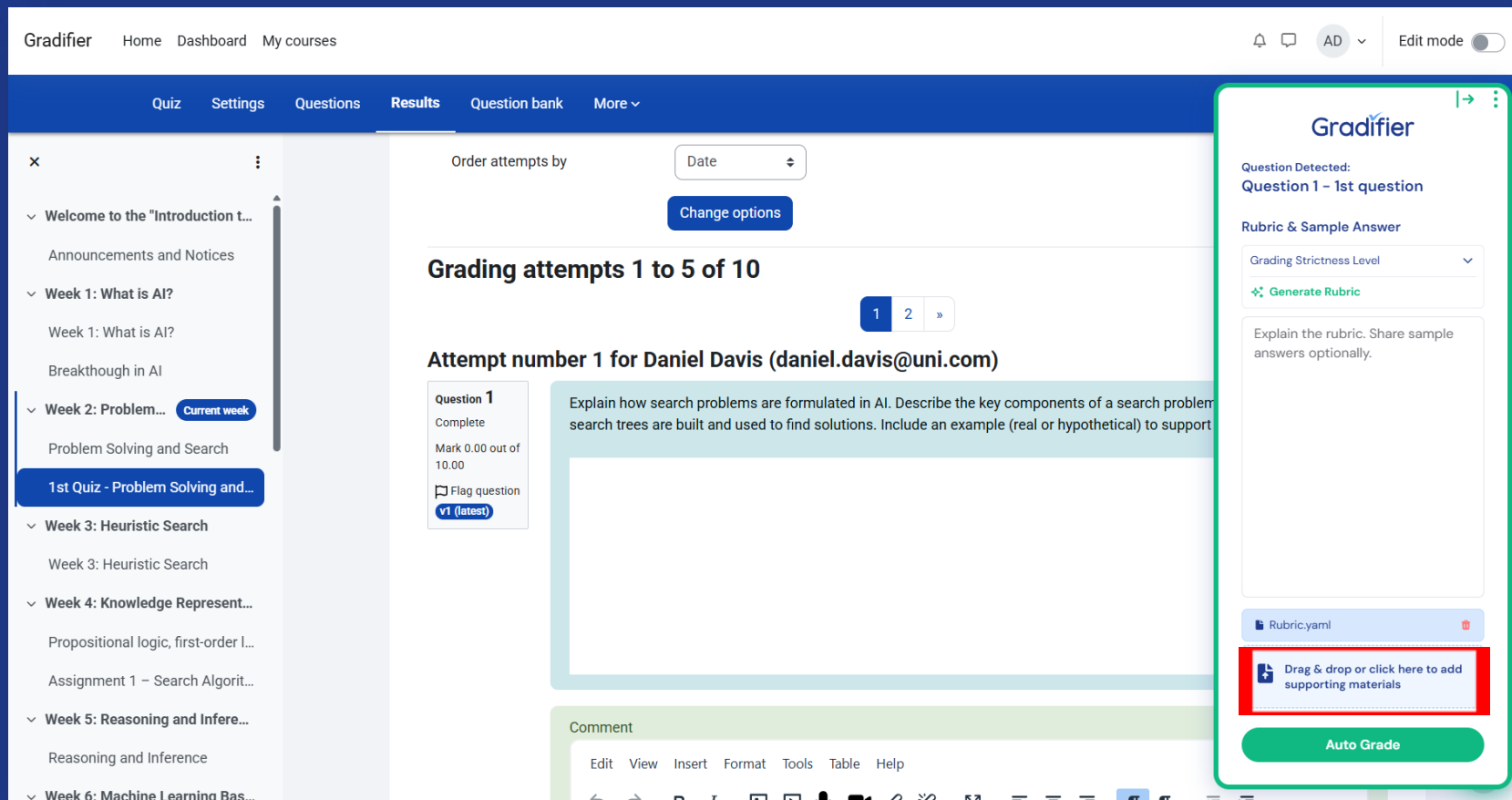
Auto Grade

Choose your preferred Grading Strictness Level and click on the 'Generate Rubric' button. Gradifier will instantly create a tailored rubric based on the selected level, providing a clear and structured marking scheme. You can further review and customize the generated rubric to match your specific requirements.



# Upload Supporting Files

At the bottom of the Tool, you can drag and drop files such as .yaml, .docx, .txt, or .pdf that contain rubrics or sample answers.



The screenshot displays the Gradifier web application interface. The top navigation bar includes 'Home', 'Dashboard', and 'My courses'. The main navigation bar features 'Quiz', 'Settings', 'Questions', 'Results', 'Question bank', and 'More'. The 'Results' tab is active, showing 'Order attempts by' (Date) and 'Change options'. The main content area displays 'Grading attempts 1 to 5 of 10' and 'Attempt number 1 for Daniel Davis (daniel.davis@uni.com)'. A sidebar on the left lists course content, with 'Week 2: Problem Solving and Search' highlighted. A red box in the sidebar highlights a button labeled '1st Quiz - Problem Solving and Search'. A green box highlights the 'Auto Grade' button at the bottom of the sidebar. A blue checkmark is visible in the bottom right corner.

Gradifier Home Dashboard My courses

Quiz Settings Questions Results Question bank More

Order attempts by Date

Change options

Grading attempts 1 to 5 of 10

Attempt number 1 for Daniel Davis (daniel.davis@uni.com)

Question 1 Complete Mark 0.00 out of 10.00 Flag question v1 (latest)

Explain how search problems are formulated in AI. Describe the key components of a search problem search trees are built and used to find solutions. Include an example (real or hypothetical) to support

Comment Edit View Insert Format Tools Table Help

Gradifier

Question Detected: Question 1 - 1st question

Rubric & Sample Answer

Grading Strictness Level

Generate Rubric

Explain the rubric. Share sample answers optionally.

Rubric.yaml

Drag & drop or click here to add supporting materials

Auto Grade



# Start Auto-Grading

Once the rubric is provided, click the “Auto Grade” button to begin the automatic grading process.

The image displays three sequential screenshots of the Gradifier mobile application interface. Each screenshot shows the 'Question Detected' section with 'Question 1 - 1st question'. Below this is the 'Rubric & Sample Answer' section, which includes a 'Grading Strictness Level' dropdown, a 'Generate Rubric' button, and a 'Criteria List' containing five items with associated scores. At the bottom of each screen is a green 'Auto Grade' button, which is highlighted with a red rectangular box. The middle screenshot also shows a text input area for the rubric and a 'Rubric.yaml' file icon.

Grading can be done using:

- Only the rubric entered in the input area (auto generated or manually entered),
- Only an uploaded rubric file, or
- A combination of both.

**Note:** If both are provided, the tool will prioritize the rubric in the input area.



# Monitor Auto-Grading Progress

- While auto-grading is in progress, you'll see a progress indicator showing how many answers have been graded out of the total.
- You can stop the auto-grading process at any time by clicking the "Cancel" button.

The screenshot displays the Gradifier web application interface. The top navigation bar includes 'Gradifier', 'Home', 'Dashboard', and 'My courses'. A secondary navigation bar contains 'Quiz', 'Settings', 'Questions', 'Results', 'Question bank', and 'More'. The left sidebar lists course content, with 'Week 2: Problem Solving and Search' highlighted as the 'Current week'. The main content area shows 'Attempt number 1 for Jessica Miller (jessica.miller@uni.com)' for 'Question 1', which is 'Complete' and 'Marked out of 10.00'. The question text asks to explain search problems in AI. Below the question is a rich text editor for comments. A green-bordered overlay in the bottom right corner shows the 'Gradifier' logo, a circular progress indicator, the text 'Grading Question 3/5', and a 'Cancel' button. A large blue checkmark is visible in the bottom right corner of the slide.

# Save & Continue

- Make sure to press the “Save & Continue” button to save the generated marks and feedback.
- Simultaneously with the click of this button, you can move forward to the next page.

The screenshot displays the Gradifier web application interface. At the top, there's a navigation bar with 'Gradifier', 'Home', 'Dashboard', and 'My courses'. Below this is a blue header with 'Quiz', 'Settings', 'Questions', 'Results', 'Question bank', and 'More'. The left sidebar shows a course structure with weeks 1 through 7, and the '1st Quiz - Problem Solving an...' is selected. The main content area shows 'Attempt number 1 for Christopher Anderson (christopher.anderson@uni.com)'. It includes a 'Question 1' section with a 'Mark' of 8 out of 10.00. The question text asks to explain search problems in AI. Below the question is a 'Comment' section with a rich text editor. At the bottom, there's a 'Mark' of 7 out of 10.00 and a 'Save and show next' button. A green overlay box in the bottom right corner says 'Gradifier Grading Completed!' and has a red-bordered 'Save & Continue' button and a 'Dismiss' button. A large blue checkmark is visible in the bottom right corner of the slide.

# Provide Feedback on the Gradifier

After completing the grading process, a feedback form will appear. This step is essential, as your input helps us improve the tool during the development phase.

The screenshot displays the Gradifier web application. The top navigation bar includes 'Gradifier', 'Home', 'Dashboard', and 'My courses'. A secondary navigation bar contains 'Quiz', 'Settings', 'Questions', 'Results', 'Question bank', and 'More'. The main content area shows a quiz question titled 'search trees are built and used to find solutions. Include an example (real or hypothetical) to support your explanation.' The question text describes AI search problems and mentions search trees. A feedback modal is overlaid on the right side of the screen. The modal has a green header with a checkmark and the text 'Grading All Questions Completed!'. It contains a star rating section with five stars, a text input field for 'What did you like or dislike about the Gradifier?', and a text area for 'Your ideas for improvement go here..'. At the bottom of the modal are two buttons: 'Send Feedback' and 'Dismiss'. The background quiz interface shows a sidebar with course topics, a question editor with a rich text toolbar, and a 'Mark' section with a dropdown set to '5' out of '10.00'. A 'Save and show next' button is at the bottom of the quiz area.

To share your experience:

1. Give a star rating for the question grading.
2. Enter any comments or suggestions in the feedback box.
3. Click “Send Feedback” to submit.



# Review Graded Results

For each answer, the tool will display:

- Allocated marks in the marks input box
- Generated feedback in the feedback input box

Attempt number 1 for Olivia Taylor (olivia.taylor@uni.com)

Question 1

Complete

Mark 8.00 out of 10.00

Flag question

v1 (latest)

Explain how search problems are formulated in AI. Describe the key components of a search problem and illustrate how search trees are built and used to find solutions. Include an example (real or hypothetical) to support your explanation.

In AI, a search problem is a way to formalize how an agent can move from a starting situation to a desired outcome. The formulation includes the initial state (where the agent starts), the goal state (the desired outcome), the actions (possible moves), the transition model (what happens when an action is applied), and the path cost (a numerical value that evaluates how good a path is).


A search tree is built where each node represents a state, and edges represent actions. The tree begins with the initial state as the root. The agent applies actions to expand nodes into child states until a goal is found.

For example, in a delivery system, the initial state is a package at the warehouse, the goal state is the package delivered, and actions are the roads taken to destinations. BFS will explore all possible delivery routes one step at a time and guarantees finding the shortest path if costs are equal. DFS will follow one route completely before trying another, which may result in longer delivery times or missed shorter paths.

Formulating problems this way allows algorithms to systematically search for solutions and evaluate alternatives logically.


Comment

Edit View Insert Format Tools Table Help



Improve explanation of state space, goal testing, solution path extraction, and expand example details for clarity.

16 words

Build with  tinyMCE

Mark

8 out of 10.00

## You may:

- Submit the current marks and feedback if satisfied, or
- Modify the rubric and run auto-grading again to adjust the results.

