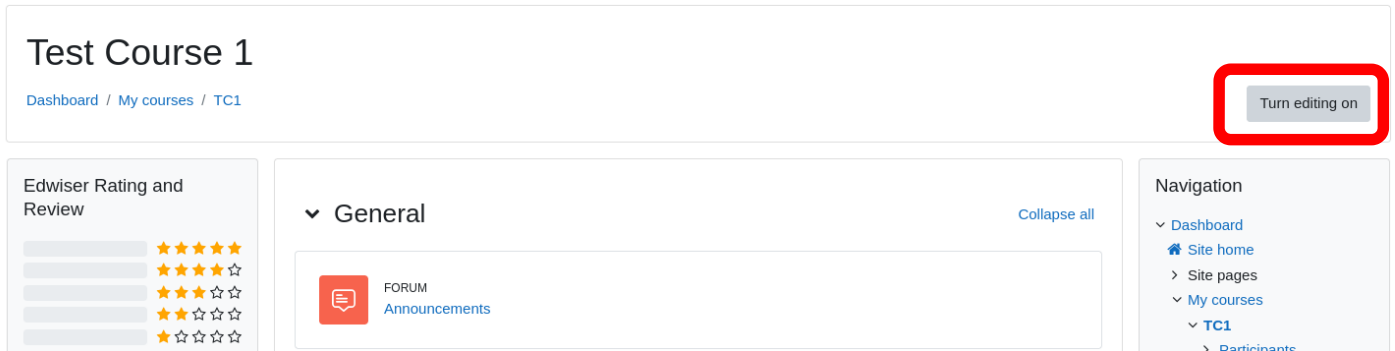


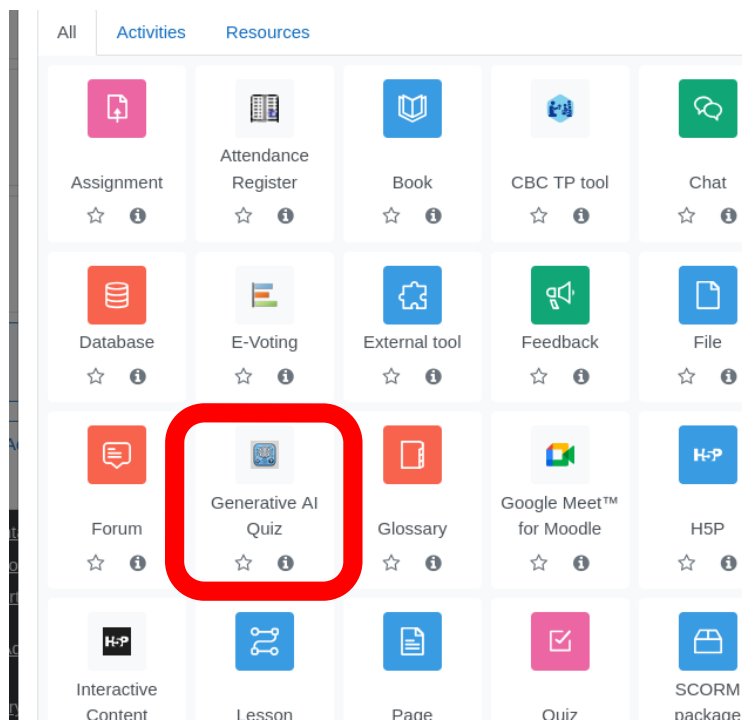
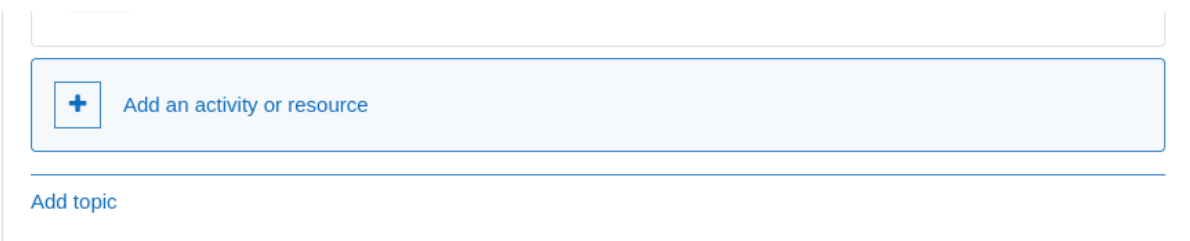
Lecturer Guide: How to Create Questions

Step 1: Navigate to Quiz Management

- Log in to Moodle.
- Go to your course where the plugin is enabled and Turn editing on



- Click **“Add an activity or resource”** at the end of the section and select **“Generative AI Quiz”**.



Step 2: Fill in the General Section

- **Multiple Choice AI Quiz Name:** Give your quiz a title (e.g., “Data Structures Basics”).
- **Description** (*Optional*): Add any notes or instructions for yourself or the students.

Step 3: Configure GenerativeAI Quiz Settings

These settings control how the questions will be generated by AI:

Field	Description
Quiz Topic(s)	Enter the topic or subject area (e.g., “Queues and Stacks”).
Difficulty Level	Choose: Easy, Medium, or Hard which are mapped to Bloom’s taxonomy levels. (1: Knowledge/Comprehension, 2: Application/Analysis, 3: Evaluation/Synthesis)
Student Level	Choose the academic year (e.g., 4th Year).
Specialization or Student Type	Specify if this is for a particular discipline or type of learner. (Optional)
Additional Information to Prompt	Give extra detail to guide AI e.g., "Include real-world examples". (Optional)
Maximum Questions	Number of multiple-choice questions you want generated.
Time Limit in Minutes	Duration students will have to complete the quiz. (Default 5 minutes)
ChatGPT API Key (<i>Optional</i>)	If not already configured globally, paste your API key here.
Select GPT Model	Choose the OpenAI model to use (e.g., GPT 3.5 Model or GPT 4).

Test Quiz 123

Welcome to the Generative AI Quiz on **Control Structures!**

The following questions were previously generated.

Question Text Editing

1

A ▾

B

I

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☷

☰

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😊

🖼️

🔊

📄

1. You are tasked with writing a program to calculate the average score of a student based on their exam results. Which control structure should you use to iterate through the list of exam scores?

Choice 1

A. If-else statement

Choice 2

B. For loop

Choice 3

C. While loop

Choice 4

D. Switch statement

Correct Answer

Choice 2 ↕

Delete Question

Question Text Editing

1

A ▾

B

I

☰

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☷

🔗

🔄

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🖼️

🔊

📄

2. You are designing a program to simulate a traffic light system. Which control structure should you use to handle the different states of the traffic light (red, yellow, green)?

Site pages

My courses

TC1

Participants

Badges

Competencies

Grades

General

Announcements

ai course

At on learning

quiz 10

planning

Test quiz AAA

Test Quiz 123

BBA201_2

Administration

GenerativeAI Quiz Administration

Settings

Locally assigned roles

Permissions

Check permissions

Filters

Competency breakdown

Logs

Quiz Analysis Report

Course administration

Site administration

Search in settings

C

Step 5: Approve or Modify Questions

- You'll be shown a preview of each question.
- You can:
 - **Edit** any question text or choices.
 - **Delete** if a question isn't suitable.
 - **Approve** the question to add it to the quiz.

Choice 1

Choice 2

Choice 3

Choice 4

Correct Answer

Delete Question

A. If-else statement

B. For loop

C. While loop

D. Switch statement

Choice 1 ▾

Question Text Editing

1

A ▾

B

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4. You are creating a program to check if a given number is a prime number. Which control structure should you use to determine if the number is divisible by any other number?

Choice 1

Choice 2

Choice 3

Choice 4

Correct Answer

Delete Question

A. If-else statement

B. For loop

C. While loop

D. Switch statement

Choice 3 ▾

Save Changes

Step 6: Analysis page and downloading attempts

- You can view the attempts made per quiz through the analysis page

Administration

▼ GenerativeAI Quiz

Administration

⚙️ Settings

👤 Locally assigned roles

📋 Permissions

🔒 Check permissions

🔍 Filters

☑️ Competency breakdown

📊 Logs

📊 Quiz Analysis Report

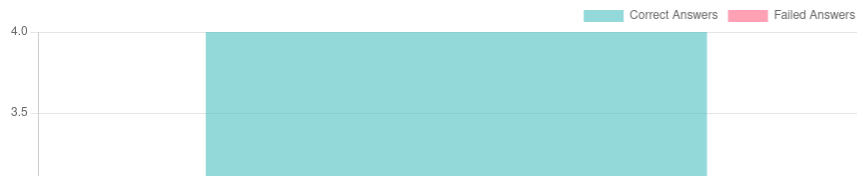
- Open the quiz then
Administration >
GenerativeAI Quiz
Administration >
Quiz Analysis
Report

- Downloading of the attempts can be done at the report page

[Download Responses CSV](#)
[Download Questions CSV](#)

Quiz Analysis Report

Student Name	Email	Quiz Name	Total Questions	Correct Answers	Failed Answers
Student One	student.one@students.ku.ac.ke		5	4	1



The export to be made is for two plugin tables that contains

1. Questions generated (as questions.csv)
2. Responses (as responses.csv)

Please note that the data in the files is raw and not analyzed.

Responses contains the following columns

- userid - the user who attempted the question
- quizid - the quiz created by the lecturer
- questionid - the question generated for the <quizid>. It matches the question id field in the questions.csv file
- response - the response given by the <userid>
- correct - whether the response given by the <userid> for the <questionid> in <quizid> is correct or not

Interpretation of the correct column

- 0 means the answer was wrong
- 1 means the answer was correct