Graded Quiz

Quiz in e-Learning UTM

Graded Quiz in e-Learning UTM

Hi I'm Nihra
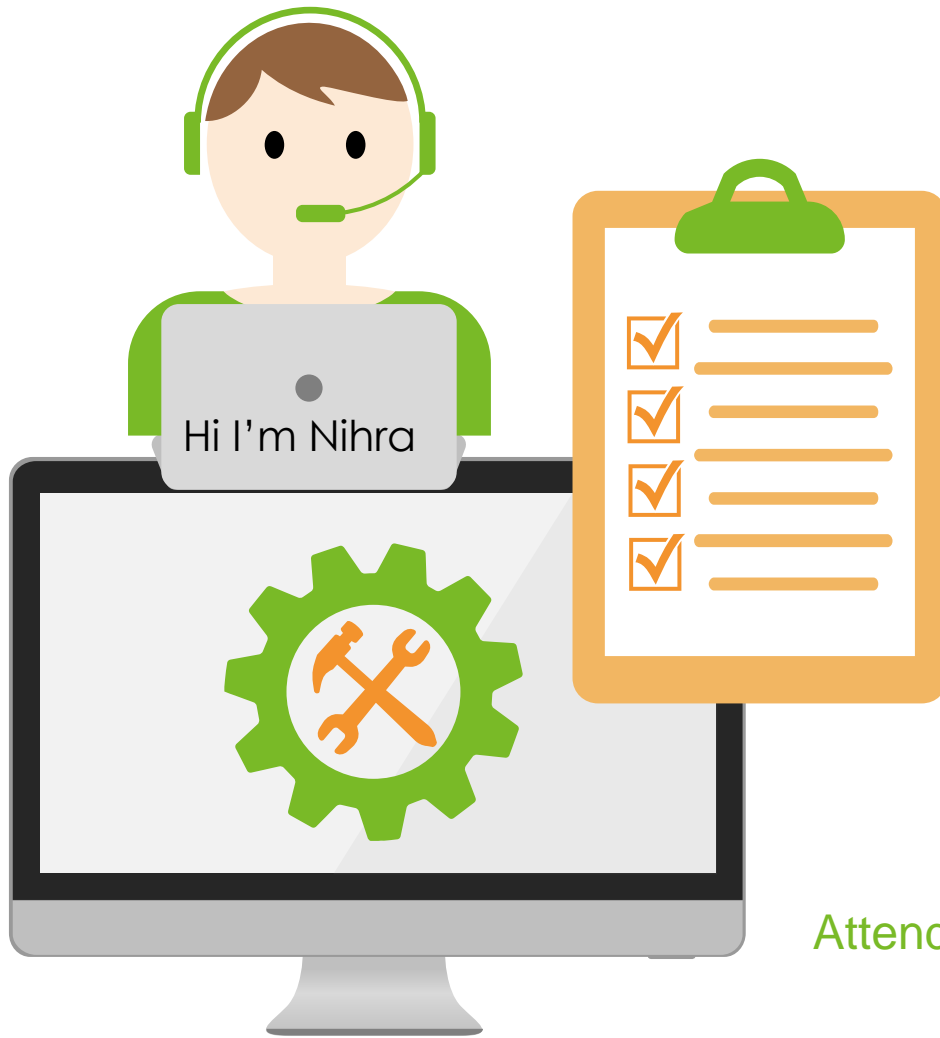
PLANNING

an online learning session

https://olc.utm.my /online-learning- platform/

Attendance: **http://gg.gg/gyie0**

USING

Graded Quiz for online lecture

USING

Moodle Quiz for online lecture

USING

Types of Quiz for online lecture

ONLINE
LEARNING

Graded Quiz
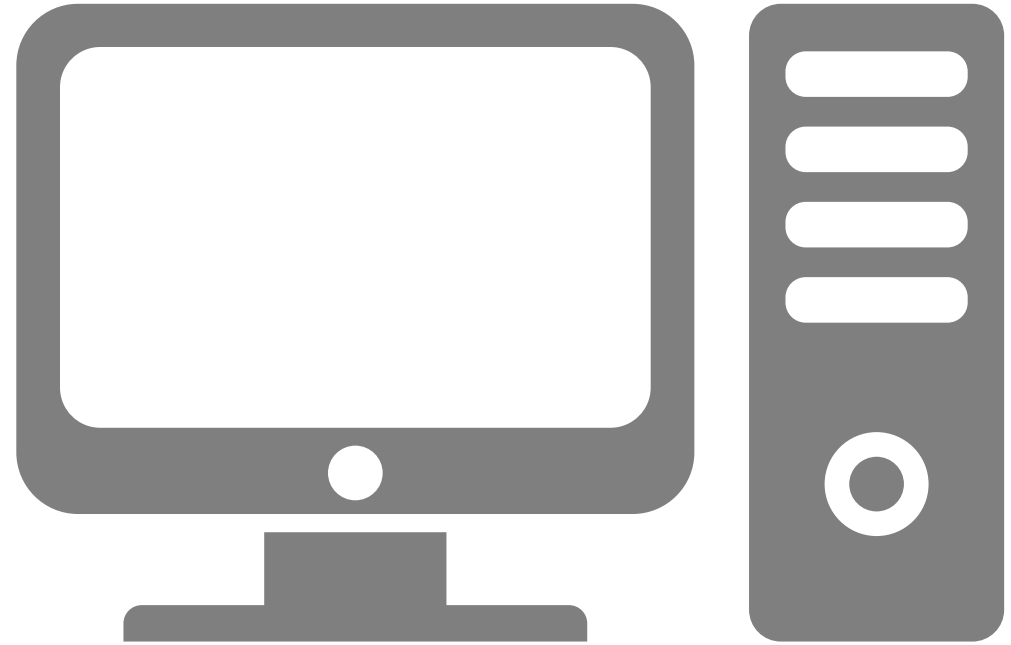
Requirement
UTM eLearning

Creating Quiz in eLearning

Create Bank Question
Quiz Report

Import/Export Quiz

Aiken/GIFT Format

ONLINE
LEARNING

MOODLE GRADED ASSESSMENT

- There are two types of feedback or assessment in Moodle / eLearning UTM

  1. Ungraded
  2. Graded

- Ungraded assessment or feedback can be activate by using **FEEDBACK** tool whereas graded assessment is using **QUIZ** tool.

TRADITIONAL TEST

- Infrequent
- High-stakes
- Controlled and reschedule retakes
- Supervised
- Written
- Real world

(Adopted from Garvin, 2013)

ALTERNATIVE TEST STRATEGY

- Frequent
- Low-stakes
- Subject specific
- More open re-sits
- Unsupervised
- Online

(Adopted from Garvin, 2013)

ALTERNATIVE TEST STRATEGY: CHAPTER TEST

- Mini test
- Encourage keeping up-to-date
- Provide regular feedback
- Can provide instant feedback and coaching
- Provide data on delivery and mastery

(Adopted from Garvin, 2013)

ALTERNATIVE TEST STRATEGY: PRACTICE TEST

- Use old questions
- Timed like main test
- Unlimited retakes
- **Provide feedback but not answers!**

(Adopted from Garvin, 2013)

QUESTION?

MOODLE CORE QUESTION TYPES

- Calculated
- Calculated multi-choice
- Calculated simple
- Drag and drop into text
- Drag and drop markers
- Drag and drop onto image
- Description
- Essay
- Matching
- Embedded Answers (Cloze Test / Gap Fill)
- **Multiple choice**
- **Short Answer**
- **Numerical**
- Random short-answer matching
- Select missing words
- **True/False**

Focus

CALCULATED QUESTION

Question 1	What is the area of a rectangle of length 79 and width 28?
Not yet answered	
Marked out of 1.00	Answer:

» Individual Questions using wildcards

» Values substituted randomly from data sets

CALCULATED MCQ

Question **1**	What is the area of a rectangle of length 15 and width 1?
Not yet answered	
Marked out of 1.00	Select one:
	○ a. 15+1
	○ b. 15/1
	○ c. 15+1+1
	○ d. 15*1

» Using wildcards like calculated

» Each option can be a different formula

DESCRIPTION

» This is similar to a course label resource

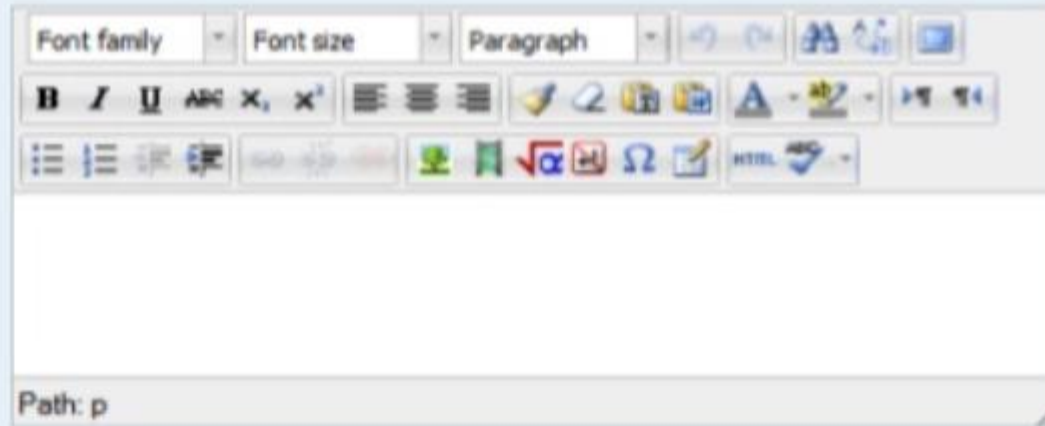» Can be used to provide extra context for the following questions

ESSAY QUESTION

Question 1

Not yet answered

Marked out of 1.00

In up to three paragraphs, describe the difference between open source software and closed source software. Please provide at least 2 examples of each.

Font family | Font size | Paragraph

B I U ABC x₂ x² ≡ ≡ ≡ ✓ ◢ ▣ ▦ A ▼ ▶¶ ¶◀

▤ ▥ ▦ ▩ ─ ◾ ▮ √α ▣ Ω ☑ HTML ✎

Path: p

» Best for short answers of 1 or 2 paragraphs
» Not automatically graded -> requires grading by teacher

MATCHING QUESTION

Question **1**

Not yet answered

Marked out of 1.00

Match the activity to the description.

A collection of web pages that anyone can add to or edit.	Choose... ▼
A teacher asks a question and specifies a choice of multiple responses.	Choose... ▼
An activity supporting asynchronous discussions.	Choose... ▼
A bank of record entries which participants can add to.	Choose... ▼

» Match statements against a second list

» Each match equally weighted for grading

CLOZE QUESTION

Question **1**

Not yet answered

Marked out of 5.00

Match the following cities with the correct state:

* San Francisco: [▼]
* Tucson: [▼]
* Los Angeles: [▼]
* Phoenix: [▼]

The capital of France is [   ] .

» A piece of text with answers embedded

» Can be multi-choice, short answer or numerical

MULTIPLE-CHOICE QUESTION

Question **1**

Not yet answered

Marked out of 1.00

What language is being spoken?

Select one:

- a. English
- b. German
- c. French
- d. Spanish

» Can create single or multiple answer questions

» Use images, video or other media

» Weight individual answers

SHORT ANSWER QUESTION

Question 1

Not yet answered

Marked out of 1.00

What is the capital of Ireland?

Answer: [   ]

» Answer can be word or phrase

» Provide feedback for specific wrong answer

» Provide multiple correct answers

NUMERICAL QUESTION

Question 1

Incorrect

Mark 0.00 out of 1.00

How many independent countries are in Europe?

Answer: 46 ✗

Close, but no cigar.

The correct answer is: 47

» Looks like Short-Answer

» Answers can have accepted error range

TRUE/FALSE QUESTION

Question 1

Not yet answered

Marked out of 1.00

Moodle is an acronym for *Modular Object-Oriented Dynamic Learning Environment*.

Select one:

○ True

○ False

» Two choices for answer given

» Can use html/media in question

DRAG DROP INTO TEXT QUESTION

Drag and drop the words from the list below to fill the blank spaces and correctly complete the sentence.

At 25°C all aqueous basic solutions have [   ] ion concentrations less than [   ] mol litre^{-1} and pH values [   ] than [   ] .

| hydrogen | positive | hydroxide | negative |

| 10^7 | 7 | 1 | 10^{-7} |

| greater | less |

Check

PATTERN MATCH QUESTION

This is a *Pattern match question.*

The photograph shows a layer of oil floating on top of a glass of water. Why does the oil float?

Please give your answer as a *short* phrase or sentence.

Because the water is a bit more dense than then oil.

Answer:

Check

Your answer is correct. (Rule 24)

The oil floats because its density is less than that of the water, where

$$density = \frac{mass}{volume}$$

See Section 4.2.1.

TIPS

- » Use images and video in questions
- » Group questions on pages
- » Randomise order of questions
- » Randomise the answers
- » Share questions between courses
- » Have you students create the questions

TIPS

» Map each question to a course goal or objective

» Use categories to store the questions

» Create question and use randomised question pools

» There is life beyond the MCQ

SHARING SESSION