



FERIT

 Erasmus+


Prof Eng

Practical implementation of LMS

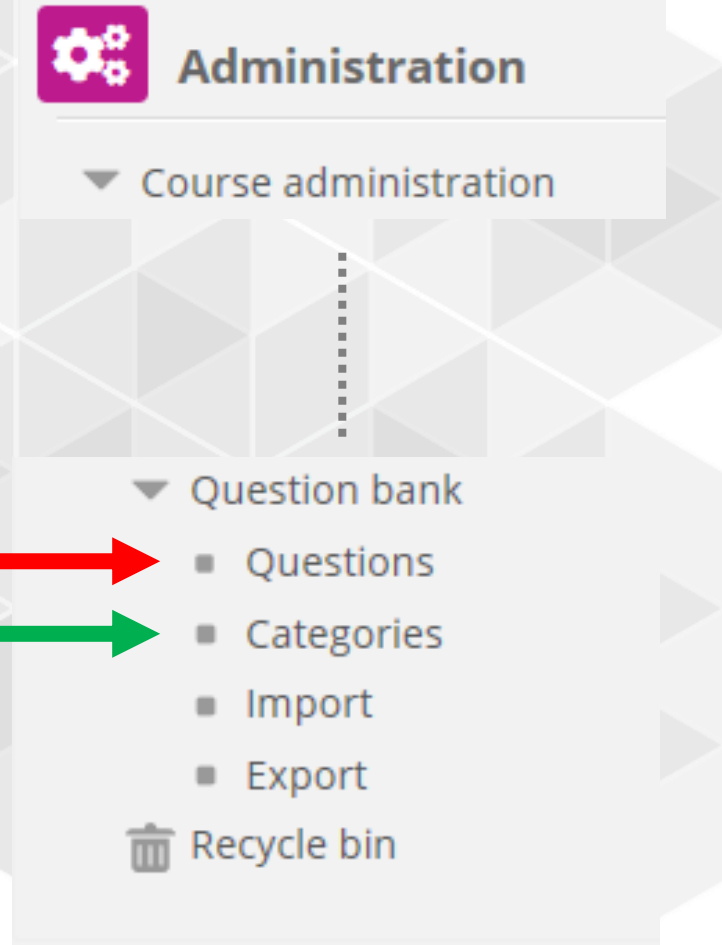
Part 3

Dr. Tomislav Matić, Assistant Professor



How do we start with exams?

- Create categories
- Create some questions for categories





Create categories

- Logical arrangement of categories
 - In each category very similar questions
- For example:
 - Very difficult questions
 - Category 1
 - Category 2
 - Category 3
 - Difficult questions
 - Category 1
 - Category 2
 - Simple questions
 - Category 1
 - ...

Question categories for 'Course':

- **Default for Learning Management System Training (0)**
The default category for questions shared in context 'Learnir'
 - **Simple questions (0)** ✕ ⚙ ←
 - **Croatia_map_cities (3)** ✕ ⚙ ←



Create questions

- Many types of questions
- With LMS updates new types are added
- Most of the time only several types of questions are used

A vertical list of question types with radio buttons. Green arrows point to the following options:

- Drag and drop into text
- Drag and drop markers
- Drag and drop onto image
- Embedded answers (Cloze)
- Matching
- Matrix/Kprime
- Multiple choice
- Numerical
- Ordering
- Pattern match
- Random short-answer matching
- Reverse pattern match
- Select missing words
- Short answer
- True/False



Multiple choice

Question name * Multiple choice 1

Question text *

Select all correct answers.

Default mark * 1

General feedback ?

ID number ?

One or multiple answers?

Shuffle the choices? ?

Number the choices?



FERIT

Multiple choice

Choice 1

Correct answer 1

Grade 50%

Feedback

Choice 2

Correct answer 2

Grade 50%

Feedback

Choice 3

Incorrect answer 1

Grade -50%

Feedback

Choice 4

Incorrect answer 2

Grade -50%



Multiple choice - question testing

Question 1

Partially correct

Mark 0.50 out of 1.00

Select all correct answers.

Select one or more:

- a. Correct answer 2 ✓
- b. Correct answer 1 ✓
- c. Incorrect answer 2 ✗
- d. Incorrect answer 1

Your answer is partially correct.

You have selected too many options.

The correct answers are: Correct answer 1, Correct answer 2

Start again

Save

Fill in correct responses

Submit and finish

Close preview



Create questions

- For other questions different settings and options
- Web search “moodle question type”
- Clicking on the “question mark” near the question type

Adding a Numerical question

General

Category

PPT_questions (1)

Question name *

Question text *



Numerical

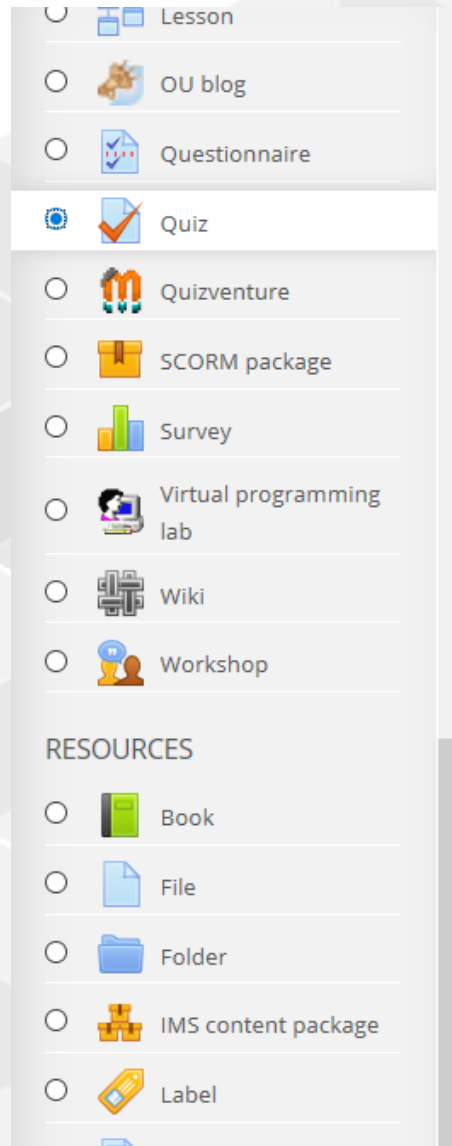
From the student perspective, a numerical question looks just like a short-answer question. The difference is that numerical answers are allowed to have an accepted error. This allows a fixed range of answers to be evaluated as one answer. For example, if the answer is 10 with an accepted error of 2, then any number between 8 and 12 will be accepted as correct.

  [More help](#)



Create exams

- From “Action menu” select “Turn editing on”
- Click “Add an activity or resource” and select Quiz



The quiz activity enables a teacher to create quizzes comprising questions of various types, including multiple choice, matching, short-answer and numerical.

The teacher can allow the quiz to be attempted multiple times, with the questions shuffled or randomly selected from the question bank. A time limit may be set.

Each attempt is marked automatically, with the exception of essay questions, and the grade is recorded in the gradebook.

The teacher can choose when and if hints, feedback and correct answers are shown to students.

Quizzes may be used

- As course exams
- As mini tests for reading assignments or at the end of a topic
- As exam practice using questions from past exams
- To deliver immediate feedback about performance
- For self-assessment

[More help](#)



Create exams - options

▼ Timing

Open the quiz ? 9 June 2019 16 50 Enable

Close the quiz 9 June 2019 17 50 Enable

Time limit ? 10 minutes Enable

When time expires ? Open attempts are submitted automatically

Submission grace period ? 1 days Enable

▼ Grade

Grade category ? Uncategorized

Grade to pass ?

Attempts allowed Unlimited

Grading method ? Highest grade

▼ Layout

New page ? Every question



Create exams - options

▼ Question behaviour

Shuffle within questions



How questions behave



[Show more...](#)

▼ Review options

During the attempt

- The attempt
- Whether correct
- Marks
- Specific feedback
- General feedback
- Right answer
- Overall feedback

Immediately after the attempt

- The attempt
- Whether correct
- Marks
- Specific feedback
- General feedback
- Right answer
- Overall feedback

Later, while the quiz is still open

- The attempt
- Whether correct
- Marks
- Specific feedback
- General feedback
- Right answer
- Overall feedback

After the quiz is closed

- The attempt
- Whether correct
- Marks
- Specific feedback
- General feedback
- Right answer
- Overall feedback

▼ Appearance

Show the user's picture



Decimal places in grades



[Show more...](#)

▼ Extra restrictions on attempts

Require password [Click to enter text](#)

Require network address



Create exams – adding questions

Maximum grade

Total of marks: 0.00

Shuffle



Maximum grade

Total of marks: 0.00

- + a new question
- + from question bank
- + a random question

1 **Random (Simple questions)** (See questions) 1.00

Page 2

2 **Random (Simple questions)** (See questions) 1.00

Page 3

3 **Random (Simple questions)** (See questions) 1.00



Task

- Create at least two categories
- For each category add at least two questions
- Create an exam with two random question from different categories