

# Testing Instructions

for bugs in Moodle Quiz Responses Report.

## Bug 1

- Write a 'how-to' style description how to trigger the error you describe?
  1. As teacher, add a quiz activity to your course. In Quiz Settings set Question behaviour 'How questions behave' to 'Interactive with multiple tries'.
  2. As teacher, populate the quiz with at least a question.
  3. As teacher, enrol at least one user to your course. **The enrolled user should not attempt the quiz.**
  4. As teacher, open the added quiz activity.
  5. As teacher, click on Settings icon and under 'Results' menu, click on 'Responses' link. A Moodle Quiz Responses Report page will open up.  
By default, table preferences are set as follows :  
Under heading 'What to include in the report',
    - 5.1. 'Attempts from' is set to 'enrolled users who have attempted the quiz'
    - 5.2. 'Which tries' is set to 'Last try'
  6. As teacher, reset the table preferences to :  
Under heading 'What to include in the report',
    - 6.1. Set 'Attempts from' to 'enrolled users who have not attempted the quiz'.
    - 6.2. Set 'Which tries' to 'First try' or 'All tries'.
  7. As teacher, click on 'Show report'.

## Outcome

Gives coding error!

- Add a testing instruction in about this format to check (given your fix) the same error is prevented from happening?

Two solutions have been proposed to deal with this bug.

## Testing Instructions for **first solution** -

1. As teacher, add a quiz activity to your course. In Quiz Settings set Question behaviour 'How questions behave' to 'Interactive with multiple tries'.
2. As teacher, populate the quiz with at least a question.
3. As teacher, enrol at least one user to your course. **The enrolled user should not attempt the quiz.**
4. As teacher, open the added quiz activity.

5. As teacher, click on Settings icon and under 'Results' menu, click on 'Responses' link. A Moodle Quiz Responses Report page will open up.  
By default, table preferences are set as follows :  
Under heading 'What to include in the report',
  - 5.1. 'Attempts from' is set to 'enrolled users who have attempted the quiz'
  - 5.2. 'Which tries' is set to 'Last try'
6. As teacher, reset table preferences to :  
Under heading 'What to include in the report',
  - 6.1. Set 'Attempts from' to 'enrolled users who have not attempted the quiz'

## Expected outcome

At this point, the 'Which tries' option under heading 'What to include in the report' **should get disabled**.

Also, as teacher, click on 'Show report'. At this point, the 'Which tries' option under heading 'What to include in the report' gets reset to 'Last try' (default value) on its own and **remains disabled**.

And the output consists of a table showing a list of,

- Enrolled users **who have not** attempted the quiz with 'Response' columns having **null/('-')** values.

## Result

This signifies that our code fix is working properly and thus the testing process is successful.

## Testing Instructions for **second solution** -

1. Carry out instructions 1-5 as in the first solution.
2. As teacher, reset the table preferences to :  
Under heading 'What to include in the report',
  - 2.1. Set 'Attempts from' to 'enrolled users who have not attempted the quiz'
  - 2.2. Set 'Which tries' to 'First try' or 'All tries'.
3. As teacher, click on 'Show report'.

## Expected outcome

A table showing list of,

- Enrolled users **who have not** attempted the quiz with 'Response' columns having **null/('-')** values.

## Result

This signifies that our code fix is working properly and thus the testing process is successful.

## Bug 2

- How to trigger the error?
  1. As teacher, add a quiz activity to your course. In Quiz Settings set Question behaviour 'How questions behave' to 'Interactive with multiple tries'.
  2. As teacher, populate the quiz with at least a question.
  3. As teacher, enrol at least two users to your course. **One of the enrolled user should attempt the quiz and the other should not.**
  4. As teacher, open the added quiz activity.
  5. As teacher, click on Settings icon and under 'Results' menu, click on 'Responses' link. A Moodle Quiz Responses Report page will open up.  
By default, table preferences are set as follows :  
Under heading '[What to include in the report](#)',
    - 5.1. '[Attempts from](#)' is set to '**enrolled users who have attempted the quiz**'
    - 5.2. '[Which tries](#)' is set to '**Last try**'
  6. As teacher, set table preferences to :
    - 6.1. Under heading '[What to include in the report](#)',
    - 6.2. Set '[Attempts from](#)' to '**enrolled users who have, or have not, attempted the quiz**'.
    - 6.3. Set '[Which tries](#)' to '**First try**' or '**All tries**'.
  7. As teacher, click on '[Show report](#)'.

## Outcome

Gives coding error!

## Testing Instructions for the solution proposed -

1. As teacher, add a quiz activity to your course. In Quiz Settings set Question behaviour 'How questions behave' to 'Interactive with multiple tries'.
2. As teacher, populate the quiz with at least a question.
3. As teacher, enrol at least two users to your course. **One of the enrolled user should attempt the quiz and the other should not.**
4. As teacher, open the added quiz activity.
5. As teacher, click on Settings icon and under 'Results' menu, click on 'Responses' link. A Moodle Quiz Responses Report page will open up.  
By default, table preferences are set as follows :  
Under heading '[What to include in the report](#)',
  - 5.1. '[Attempts from](#)' is set to '**enrolled users who have attempted the quiz**'
  - 5.2. '[Which tries](#)' is set to '**Last try**'
6. As teacher, reset table preferences to :  
Under heading '[What to include in the report](#)',

- 6.1. Set 'Attempts from' to 'enrolled users who have, or have not, attempted the quiz'
- 6.2. Set 'Which tries' to 'First try'
7. Click the button 'Show report'.

## Expected Outcome

A table showing list of all the enrolled users and their responses to quiz questions.

In that,

- Enrolled users **who have not** attempted the quiz with 'Response' columns having null/('-') values and
- Enrolled users **who have** attempted the quiz with 'Response' columns containing their responses to the corresponding quiz questions.

## Result

This signifies that our code fix is working properly and thus the testing process is successful.

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