

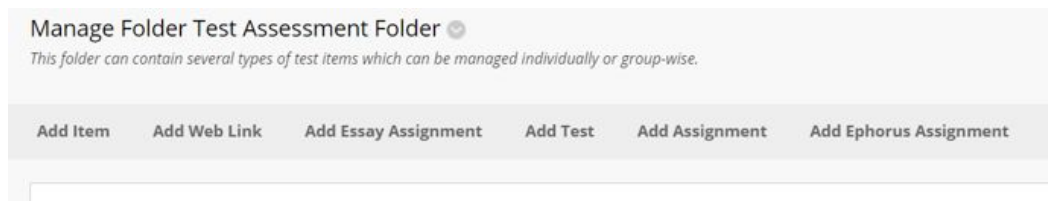
# Questionflow and Question Flow Group

**Questionflow:** the students are forced to answer the questions one by one, either in a fixed order or in a random order (different for each student). (no backtracking)

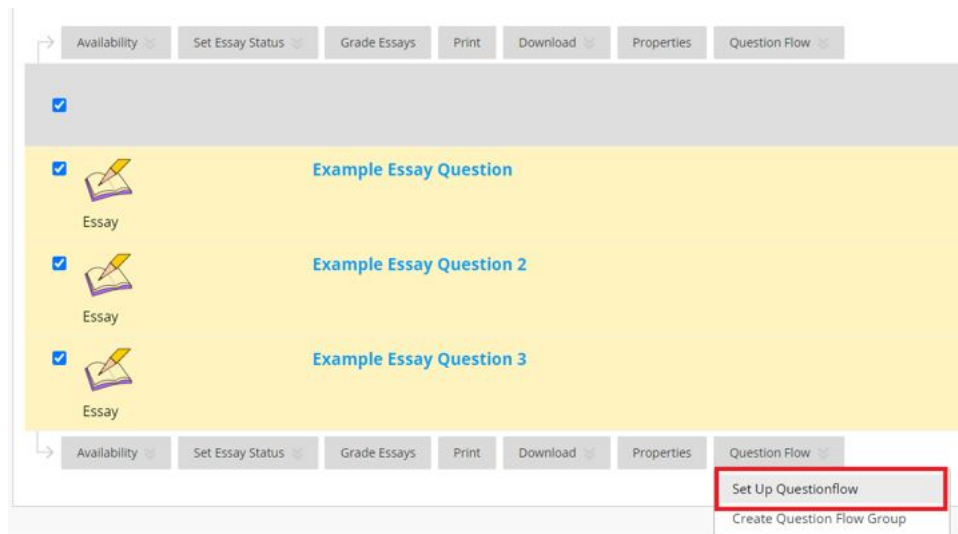
**Question Flow Group:** present a randomly selected question from a question group. This can be used if you have multiple variants of the same question. Questions are presented one by one. (no backtracking).

## Questionflow

1. First create all the essay questions in the folder Exam/Tentamen. Use the **'Add Essay Assignment'** button for this.



2. Check the questions you wish to present 1 by 1. Then click **'Question Flow'** and choose **'Set up Questionflow'**



3. Choose **'Random'** if you want a different order for each student. Choose **'Linear'** if you want to keep the order in which the questions are organized on the exam page. For both options the students are forced to answer the questions one by one.

SELECT QUESTION ORDER

Select Question Flow Order

Random

Linear

The order in which the questions within the question flow are presented: either linear, different order for each student.

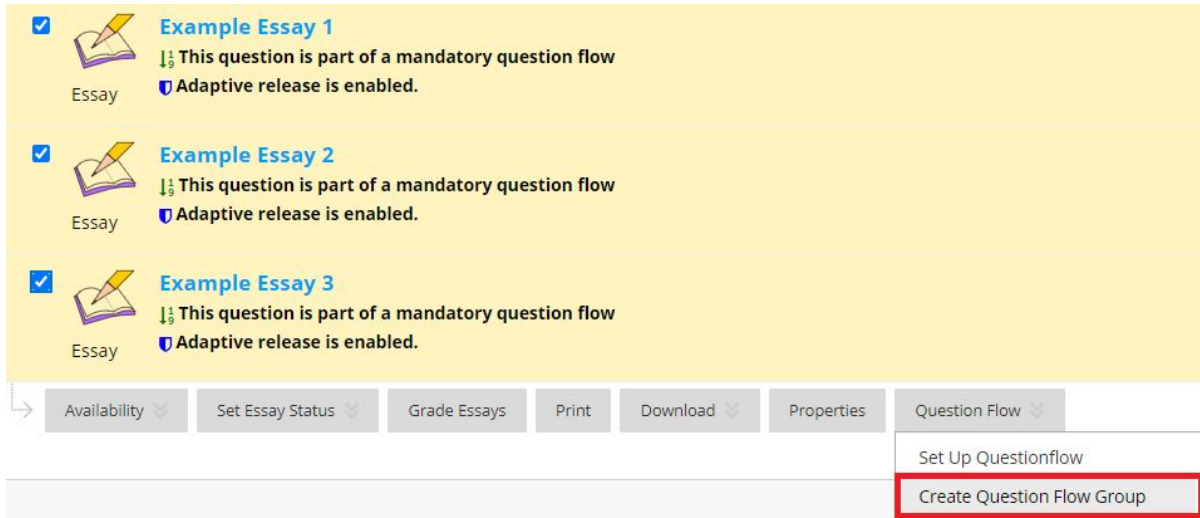
4. Click **'Submit'**. The question order has now been set.

*Proceed with the following steps only after completing the previous steps (Questionflow). Thus the choice for either a random or linear presentation has to be made first.*

## Question Flow Groups

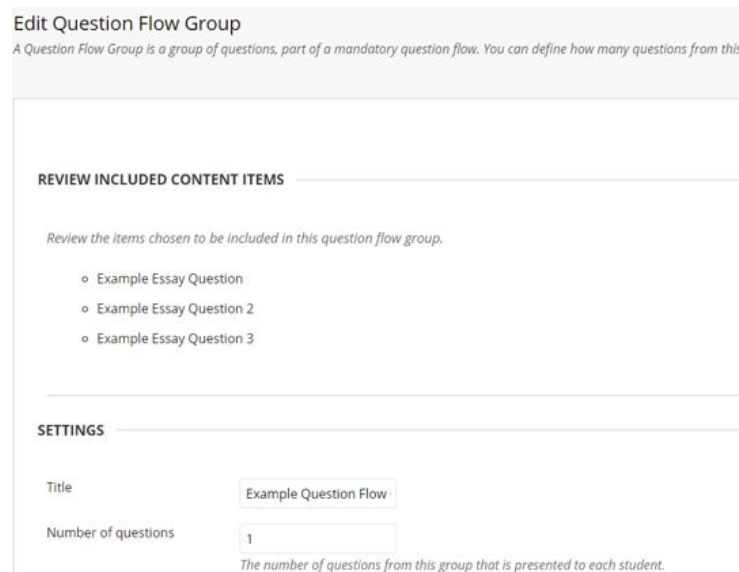
Present one or more questions randomly selected from a group of questions. It is possible to create multiple question groups. Repeat the following steps for each group of questions.

1. Select the questions that form a new group by ticking the box in front of those questions. Click on "Question Flow" and choose "Create Question Flow Group".



The screenshot shows a list of three "Example Essay" questions, each with a checked checkbox and a status of "Adaptive release is enabled." Below the list is a navigation bar with buttons for "Availability", "Set Essay Status", "Grade Essays", "Print", "Download", "Properties", and "Question Flow". The "Question Flow" dropdown menu is open, showing "Set Up Questionflow" and "Create Question Flow Group", with the latter option highlighted by a red box.

2. Choose a title for the group. If you do not change the title, the groups will be labelled A, B, C, etc. Optionally, adjust the number of questions students will see from this group. By default, this is 1.



The screenshot shows the "Edit Question Flow Group" form. The "REVIEW INCLUDED CONTENT ITEMS" section lists three example essay questions. The "SETTINGS" section has a "Title" field with "Example Question Flow" and a "Number of questions" field with "1".

3. Click 'Submit'.

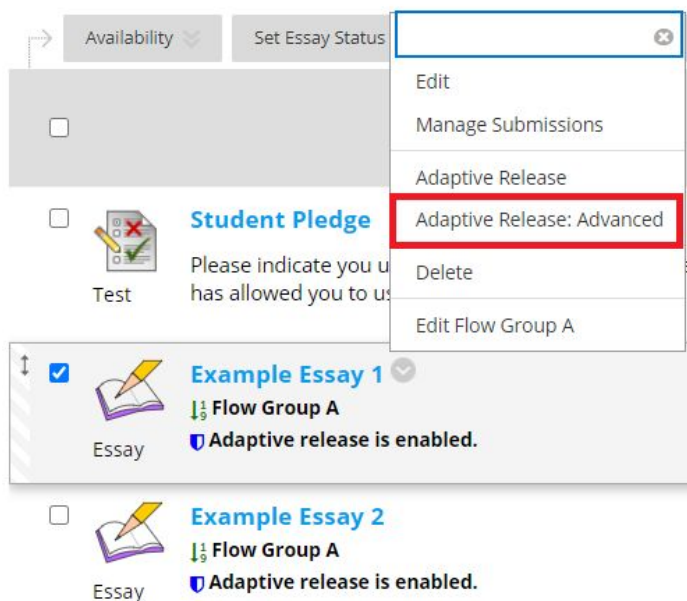
Repeat the steps 1-3 for each new question group that you would like to create. The student will now see one (or more if indicated) randomly selected question from each group. The order depends on the choice made previously when setting the Questionflow (random or linear).

## Optional: Student Pledge as condition to access the questions.

Configure this only after setting up the Questionflow and any Question Flow Groups.

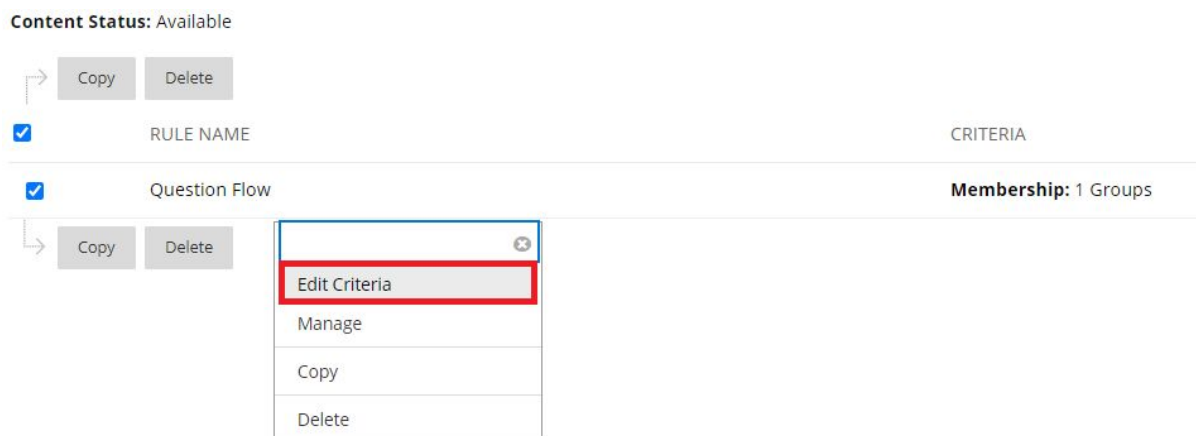
Repeat the following steps for all questions.

Click on the grey circle to the right of the question title. Choose **Adaptive release: Advanced**.

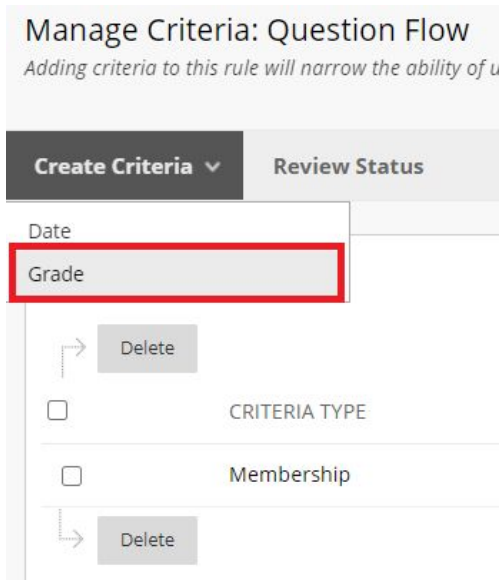


Then you will see the rule which is configured for the Questionflow and any Question Flow Groups.

It is imperative to keep that rule, and add the criterion 'Student Pledge' to it. Click on the grey circle to the right of the rule Question Flow and choose **Edit Criteria**.



Click **Create Criteria**, and choose **Grade**.



Select the Grade Centre kolom: **Test - Student Pledge**.

The selected condition should be: "User has at least one attempt for this item"

GRADE

*This content item is visible to all users until a Grade criterion is created. Possible points for a Grade Center grade or calculated column are listed in brackets beside t*

Select a Grade Center column

Select Condition

User has at least one attempt for this item

*An attempt is recorded in the Grade Center when the user submits a Test, Survey, or Assignment, or when a grade is entered or edited.*

Score  Percent

Score Between  Percent Between  and

Click **Submit**.

Click **OK**.

The rule should now look like this:

<input type="checkbox"/>	RULE NAME	CRITERIA
<input type="checkbox"/>	Question Flow	<b>Membership:</b> 1 Groups <b>Grade:</b> Student Pledge (Attempt)

Repeat these steps for all questions.