

Demo question sheet presenting main facilities

This text will be replaced: @Rep. The searched token @Rep. Please note that this token will be replaced even if it is in verbatim environment (`\verb!...!`). This is because the replacement is done from java code, executing a simple header wide text replace.

This is a "source" document containing several sections, questions and question block that demonstrate several capabilities of the quiz generator.

This section is between `%@Header.begin` and `%@Header.end` tags.

An example of answer grid. A student might check the correct choices here.

	A	B	C	D	E
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

	A	B	C	D	E
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

One can write here whatever instructions are needed.

This document can be used as a skeleton to create your own "question database".

Another reference that can be replaced: @Rep. This part is still in the @Header.

In the header is a good place to write some driving parameters. Number of questions in the generated output, number of choices per question, maximum correct choices, etc.

Here, the following @Specs tag is placed:

`%@Specs(TotalCount=auto AnswersPerQuestion=5 MaxTrue=5 MinTrue=1 WriteAnswers=0)`. Note that in the source code we have two @Specs, one that is for ExamGenerator to interpret and one is for printing. The latter is written in a verbatim environment so the software will skip it.

Please note that usually the number of questions in a quiz is fixed.

All this text will be ignored when parsing the source. As a result it will not appear in the output file. Please note where in the source code this text is placed!

1 First section

It is tagged with "DoNotRandomize=1" so it will be always the first section in the output.

The tag is: `%@Params (DoNotRandomize=1, questions=6)` and is placed before the enumerate environment.

Another annotation is the number of questions that will be generated. This section can generate $1+3+4=8$ questions but we want only 6.

1. This is question 1 with 5 answers.

- (a) Choice 1, marked as true.
- (b) Choice 2, marked as true.
- (c) Choice 3,
- (d) Choice 4,
- (e) Choice 5,

2. This is question 2 with 15 answers. In the output this question will be broken and shuffled with other questions in this section
- (a) Choice 1,
 - (b) Choice 2,
 - (c) Choice 3, marked as true.
 - (d) Choice 4, marked as true.
 - (e) Choice 5, marked as true.
 - (f) Choice 6,
 - (g) Choice 7,
 - (h) Choice 8,
 - (i) Choice 9,
 - (j) Choice 10,
 - (k) Choice 11,
 - (l) Choice 12,
 - (m) Choice 13
 - (n) Choice 14
 - (o) Choice 15
3. This is question 3 with 20 answers. In the output this question will be broken and shuffled with other questions in this section
- (a) Choice 1,
 - (b) Choice 2,
 - (c) Choice 3, marked as true.
 - (d) Choice 4, marked as true.
 - (e) Choice 5, marked as true.
 - (f) Choice 6,
 - (g) Choice 7,
 - (h) Choice 8,
 - (i) Choice 9,
 - (j) Choice 10,
 - (k) Choice 11,
 - (l) Choice 12,
 - (m) Choice 13
 - (n) Choice 14
 - (o) Choice 15
 - (p) Choice 16,
 - (q) Choice 17,
 - (r) Choice 18,
 - (s) Choice 19,
 - (t) Choice 20,

2 Second section

This section has no DoNotRandomize so its position will be shuffled.
Please note the usage of [resume].

4. This is question 1 section 2, with 5 answers.
- (a) Choice 1, marked as true.
 - (b) Choice 2, marked as true.
 - (c) Choice 3,
 - (d) Choice 4,
 - (e) Choice 5,

3 Third section

This section has no DoNotRanomize so its position will be shuffled.

5. This is question 1 section 3, with 5 answers.
 - (a) Choice 1, marked as true.
 - (b) Choice 2, marked as true.
 - (c) Choice 3,
 - (d) Choice 4,
 - (e) Choice 5,

4 Fourth section

This section has no DoNotRanomize so its position will be shuffled.

6. This is question 1 section 2, with 5 answers.
 - (a) Choice 1, marked as true.
 - (b) Choice 2, marked as true.
 - (c) Choice 3,
 - (d) Choice 4,
 - (e) Choice 5,

5 Fifth section

This section has no DoNotRanomize so its position will be shuffled.

We also exemplify a question block. Please note that the questions in the questionblock will not be shuffled.

7. This is question 1 section 2, with 5 answers.
 - (a) Choice 1, marked as true.
 - (b) Choice 2, marked as true.
 - (c) Choice 3,
 - (d) Choice 4,
 - (e) Choice 5,

Text that will be ignored, between questions

8. This is question 2 with 20 answers. In the output this question will be broken and shuffled with other questions in this section
Placed here just to have enough material to shuffle with.
 - (a) Choice 1,
 - (b) Choice 2,
 - (c) Choice 3, marked as true.
 - (d) Choice 4, marked as true.
 - (e) Choice 5, marked as true.
 - (f) Choice 6,
 - (g) Choice 7,
 - (h) Choice 8,
 - (i) Choice 9,
 - (j) Choice 10,
 - (k) Choice 11,
 - (l) Choice 12,
 - (m) Choice 13
 - (n) Choice 14

- (o) Choice 15
- (p) Choice 16,
- (q) Choice 17,
- (r) Choice 18,
- (s) Choice 19,
- (t) Choice 20,

Text that will be ignored, before question block

This is a question block. Text placed here will be produced in the output. Mainly we have a problem and several questions related to it.

9. Large question inside the block, nr 1.

- (a) Choice 1,
- (b) Choice 2,
- (c) Choice 3, marked as true.
- (d) Choice 4, marked as true.
- (e) Choice 5, marked as true.
- (f) Choice 6,
- (g) Choice 7,
- (h) Choice 8,
- (i) Choice 9,
- (j) Choice 10,

10. Question inside the block, nr 2.

- (a) Choice 1,
- (b) Choice 2,
- (c) Choice 3, marked as true.
- (d) Choice 4, marked as true.
- (e) Choice 5, marked as true.

End of the question block. This text will also be ignored.

6 Last section

This section has no DoNotRandomize so its position will be shuffled. It is tagged with "DoNotRandomize=All,AlwaysSelect=1" so it will be always the last section in the output, and it will be always selected!

11. Did you liked the exam?

You don't want the order of the answers to be shuffled, so the section has DoNotRandomize=all parameter. If in this section were more questions, one might enclose only this question into a questionblock tagged appropriately.

- (a) Hated it!
- (b) Not quite
- (c) Tolerable
- (d) Liked it a bit.
- (e) Yes!

This text will be also ignored. Look into the source file to see that is placed between the end of enumerate and beginning of the footer.

Begin of the footer.