Main (class)

Main

+ score: number
+ question: QuestionComplex[ ]

+ stratQuiz( )
+ addQuestion( )
+ endQuiz( )

QuestionComplex

+ question: string
+ answer: Answer[ ]

+ getQestion( ): string
+ setQestion(string)
+ getAnswers( ): string[ ]
+ setAnswers(string[ ])
+ isAnswerTrue(number): boolean

Answer

+ answer: string
+ true: boolean

+ getAnswer( ): string
+ setAnswer(string)
+ getTrue( ): boolean

System

- User
- Start program
- Present question
- Evaluate answer
- End Quiz
- Implement new question and answers

Main

score: number
question: QuestionComplex[ ]

Output menu and get selection by promt

[1] startQuiz( )

[2] addQuestion( )

[3]

startQuiz

index: number

index = round off(generate randome number and multiply by question.length)

Output question[randomeNumber].getQuestion()

Output question[randomeNumber].getAnswers()

Get user answer by promt

question[randomeNumber].isAnswerTrue()

[true] Output "rigth" score++

[false] Output "false"

Output score and quizMenu and get selection by promt

[1] startQuiz( )

[2]

addQuestion

newQuestion: QuestionComplex

question: string = userinput by promt

newQuestion.setQestion(question)

answers: Answer[ ]

true → answerText: string = get by promt

answerText != "/end" → answer: Answer → answer.setAnswer(answerText) → answers.add(answer)

else → break the loop → Output all answers to ask which is the right one and get selection by promt → answers[selection].setTrue(true)

newQuestion.setAnswers(answers)

question.add(newQuestion)

Output addQuestionMenu and get selection by promt

[1] addQuestion()

[2]

Menu
"1" to start the quiz.
"2" to insert a new question.
"3" to end the script.
1
420 / 187 =
"1" 2,246
"2" 2,536
1
Thats right!
"1" to answer an other question.
"2" to end an get to the menu.
2
Menu
"1" to start the quiz.
"2" to insert a new question.
"3" to end the script.
2
Insert your question.
6 x 13 =
Insert your answers (you can push up to 6 answers if you finished push "/end" in the console)
78
77
79
/end
"1" to insert an other question.
"2" to end an get to the menu.
2
Menu
"1" to start the quiz.
"2" to insert a new question.
"3" to end the script.
3