

Report

Class: Questions

string question // holds actual question

string array answers // 4 array of possible answer

int correct // value of correct element in array

Question questions → array of question objects

Questions

- question: string

- answers: string array

- correct: int

+ Question();

+ void getCorrect();

+ string getQuestions();

+ string *getAnswers();

+ void setQuestion(string);

+ void setAnswers(string*);

+ void randomize();

readThisFile(); // reads + via question file

* uses a stringstream to go line by line

* adds Question objects to array

getSize(); // returns number of questions

randomize(); // randomizes main array

* uses a seeded random-shuffle → Fisher-Yates

playGame(); // prompts user to play game

* keeps track of score, announces winner

askQuestion(); // ask question

* asks questions, returns true if correct, false if incorrect