

Overview

QuizBank50 is a tool for searching through computer science questions and creating quizzes. The questions are pulled from all previous CS50 quizzes held on campus at Harvard and they have been organized by topic and difficulty level.

Key Terms

- QuizBank50
- command line

Creating a Quiz

Step 1: Make a New Quiz

One of the most powerful features of QuizBank50 is the ability to create and download your own quizzes using the Quiz Generator. To create a new quiz, select the Quiz Generator tab and click the “ADD” button. You will then be prompted for a quiz name.

Question Search

Quiz Generator

Choose Subjects ▾

Search Quiz Bank

Select:

All

None

ALL

NONE

☐ ajax
 ☐ algorithms
 ☐ arrays
 ☐ artificial intelligence
 ☐ ascii
 ☐ asymptotic notation

ALL

NONE

☒ Fill in the Blanks
 ☒ Short Answer

Step 3: Add Question to Your Quiz

After selecting a question, you can add it to your quiz by clicking “Add to Quiz” in the problem preview window and selecting your quiz.

CS50 Quiz Bank

Question Search

Quiz Generator

YOUR QUIZZES

ADD

View

Quiz 0

Step 2: Search Questions

Once you have created a quiz, it's now time to decide what questions to add to the quiz. Go back to the Question Search tab and choose subjects you want questions to cover.

Question: #include

Suppose that you can't recall the header file in which `toupper` is declared, and so you have to implement a version of the function yourself. Complete the implementation of `toupper` below in such a way that the function returns `c` in uppercase if `c` is a lowercase (ASCII) letter, else it returns `c` unchanged. Recall that the ASCII value of 'a' is greater than that of 'A'. You may not call any functions in your function.

```
char `toupper`(char c)
{
```

Show Answer

Subject Tags: functions, libraries, pointers
Question Type: Code Response
Released to Public: Yes
Authorship Year: 2012
Origin of Question: 2012 Quiz 0, 29
Points: 4
Difficulty: Easy (1.4737/3)

Add to Quiz ▾

Download ▾

Close

Step 4: Review and Download Your Quiz

After choosing your questions, return to the Quiz Generator tab to view your quiz. From here, you can reorder the questions and download both the quiz and the answer key as word documents.