

Week 04

Functions

Lab 03 - Arrays & Functions

Develop a menu based application that repeatedly asks a user to input a question and answer until the option to exit is used or 5 questions have been created. Refer to the sample runs on the back and follow the output as closely as possible.

Create the `addQuestion` function that will be responsible for asking the user to input a single question and answer pair. The questions and their answers shall be stored in a `[5][2]` array. Uninitialized questions are set to default values (see output)

Create the `displayQuiz` function that will be responsible for outputting the user created quiz.

Design your `main` function so that it asks the user to choose between creating a question or exiting the program. It should call the `addQuestion` function when the user asks to create a question and exits otherwise. Feel free to create additional functions if it helps you with this lab.

Below is a visual representation of the array and its contents. Each row represents a question and answer.

Col0	Question	Col1	Answer
	"The brain of the computer is?"		"CPU"
	"GPU stands for?"		"Graphics Processing Unit"
	"The two parts that make up the CPU?"		"ALU & Control Unit"
	"Blank Question"		"Blank Answer"
	"Blank Question"		"Blank Answer"

<p>Welcome to QuizMaker Make a quiz up to 5 questions long!</p> <p>What would you like to do? a. Create a question b. Quit Choice: A Please enter your question: The brain of the computer is? Please enter the answer: CPU Question 1 added!</p> <p>What would you like to do? a. Create a question b. Quit Choice: a Please enter your question: The two parts that make up the CPU? Please enter the answer: ALU & Control Unit Question 2 added!</p> <p>What would you like to do? a. Create a question b. Quit Choice: A Please enter your question: A boundary between two systems is called what? Please enter the answer: Interface Question 3 added!</p> <p>What would you like to do? a. Create a question b. Quit Choice: a Please enter your question: A computer language made up of 0s and 1s is? Please enter the answer: Binary Question 4 added!</p> <p>What would you like to do? a. Create a question b. Quit Choice: A Please enter your question: The tiles in lightbot are what color? Please enter the answer: blue Question 5 added!</p> <p>Thank you for using QuizMaker!</p> <p>Created Quiz Q1:The brain of the computer is? A: CPU</p> <p>Q2:The two parts that make up the CPU? A: ALU & Control Unit</p> <p>Q3:A boundary between two systems is called what? A: Interface</p> <p>Q4:A computer language made up of 0s and 1s is? A: Binary</p> <p>Q5:The tiles in lightbot are what color? A: blue Press any key to continue . . .</p>	<p>Welcome to QuizMaker Make a quiz up to 5 questions long!</p> <p>What would you like to do? a. Create a question b. Quit Choice: a</p> <p>Please enter your question: The brain of the computer is? Please enter the answer: CPU Question 1 added!</p> <p>What would you like to do? a. Create a question b. Quit Choice: a</p> <p>Please enter your question: GPU stands for? Please enter the answer: Graphics Processing Unit Question 2 added!</p> <p>What would you like to do? a. Create a question b. Quit Choice: q</p> <p>Invalid option</p> <p>What would you like to do? a. Create a question b. Quit Choice: b</p> <p>Thank you for using QuizMaker!</p> <p>Created Quiz Q1:The brain of the computer is? A: CPU</p> <p>Q2:GPU stands for? A: Graphics Processing Unit</p> <p>Q3:blank question A: blank answer</p> <p>Q4:blank question A: blank answer</p> <p>Q5:blank question A: blank answer</p> <p>Press any key to continue . . .</p>
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