ICS3U Final Project: Design Document

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What is it?

It is Game meant to test the user’s knowledge in a variety of multiple chose trivia questions about math and geography. The user will see many questions that include four different answers.

What is it not?

It will include a question followed by four possible answers and there be written response questions.

What’s in it?

1. This program is for creating a trivia game meant to test the user’s knowledge on a hand full of questions. It is meant to be somewhat simple in order to test the knowledge of the user. The capabilities that it has are display multiple questions while having multiple possible answers for each Question. It will be use by the program will ask a question with four possible answers and the user will have to choose the one that they think is correct.
2. What is 25×25?
3. 650
4. 550
5. 625
6. 525

Answer=C

That is correct

What is 7^2?

1. 42
2. 49
3. 56
4. 36

Answer=A

That is incorrect

What is (4\*9+4^3)/2-10?

1. 40
2. 50
3. 14
4. NONE OF ABOVE

Answer= A

That is correct

What is -34-(-34)?

1. 64
2. -64
3. -32
4. 0

Answer= D

That is correct

1. Question 1 is for the first question, question 2 is or the second question, question 3 is for the third question and so on. A method is used to store the code used for the initial question asking and answering process which is reused for all the other questions.
2. First the program will start by asking the first question as a string. Then write the answer to that question as a string. then write the four choices for the question with double square brackets. After that, a for loop would be used to ask the question and print out the answers as well as all the choices. Finally, the program tells the user if they got the answer right. If they got the question wrong, they will be given the answer. After this process is repeated with the use of a method to process the question again. At the end they are told how many they got right.