

Mr. Giansante



**C++ Programming
Quiz Game**

August 2018

Quiz Game

Create a C++ program that will simulate a simple Quiz Game.

The User Interface should be similar to the Friends Database.

Your game should have a minimum of 5 questions and each question should have 4 possible responses.

The user should be alerted if they got the question right or wrong.

After all the questions, the user should be alerted as to how many questions they got right.

Start Screen

You can use the website below to generate large ASCII text for your start screen:

<http://patorjk.com/software/taag/>

When using this website note that you will need to replace the "\" characters with "\\\".

Quiz Game



Learning Outcomes

Programming Concepts and Skills

- A1. demonstrate the ability to use different data types, including one-dimensional arrays, in computer programs
- A2. demonstrate the ability to use control structures and simple algorithms in computer programs
- A4. use proper code maintenance techniques and conventions when creating computer programs

Software Development

- B2. design software solutions to meet a variety of challenges
- B3. design algorithms according to specifications

Please fill out all the information in this column using a pen before getting this assignment marked.

Name

_____ _____
Date Class

Academic Honesty

The work I am submitting is completely my own creation and has not been copied from anyone else's work. If I have received help on this project, the names of those who have assisted are listed below.

Signature

Pre-Marking

The following people have pre-marked this assignment:
(minimum of two)

User Interface

- Appropriate Title, Author Information, etc.
- Efficient and Esthetically-Pleasing User Interface
- Spelling and Grammar are correct

Code / Programming Style

- Variables are declared and logically named
- Code is commented where appropriate
- Code is indented and spaced to show structure
- Code is efficient

Work Ethic / Problem Solving Skills

- Problem Solving Skills are demonstrated
- Makes Productive Use of Time
- Only Seeks Help when Necessary

Program-Specific Criteria

- User is asked five questions (minimum)
- User is presented with at least 4 possible answers
- User is informed of right / wrong for each question
- User is informed of inappropriate choice
- User is informed of final score

Teacher Comments

- Level 1 - Limited ability to meet standard and limited effectiveness
- Level 2 - Some ability demonstrated and moderately effective
- Level 3 - Considerable ability demonstrated, considerable clarity or accuracy
- Level 4 - Thorough, high degree of skill demonstrated, insightful, highly accurate

Level