

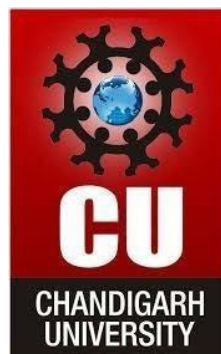


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**DEPARTMENT OF**  
**UNIVERSITY INSTITUTE OF COMPUTING**  
**CHANDIGARH UNIVERSITY**



**Final PROJECT FILE**

**Subject Name: Computer programming**

**Subject Code: 24CAH-101**

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 **Submitted to: Ms. Rasmi Saluja**

## Acknowledgment

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## Project Overview

### ➤ Quiz Game Setup (MCQ)

- The game starts by welcoming the user and offering two choices:
  - Press 123 to start the quiz.
  - Press 0 to exit the game.
- If the user inputs anything else, the game will display "Invalid" and exit.

### ➤ Quiz Structure

- The quiz consists of 10 questions, each with four answer choices label a, b, c, d (which are numerical options 1, 2, 3, and 4 respectively).
- For each question, the user is prompted to enter their answer, and then the program checks whether the answer is correct or incorrect.

### ➤ Points and Tracking

- Each correct answer awards 5 points.
- If the answer is wrong, 0 points are given.
- The program tracks the following:
  - **Attempted questions:** Increments each time the user answers.
  - **Correct answers:** Increments each time the user selects the correct option.
  - **Wrong answers:** Increments each time the user selects an incorrect option.



- **Total score:** Sum of points from all questions.

## ➤ **Key Features of the Program**

- **User Interaction:** The program allows users to start or exit the quiz and guides them through multiple-choice questions.
- **Question Processing:** Each question is presented to the user, and their answers are evaluated in real-time.
- **Score Tracking:** The program keeps track of the total number of questions answered, the number of correct and incorrect answers, and the final score.
- **Modular Structure:** Each question has the same structure (presentation, input, evaluation), making the code modular and easy to modify (e.g., adding more questions).

## ➤ **Game Completion**

- At the end of the quiz, the program prints:
- The total number of questions attempted.
- The number of correct and wrong answers.
- The total score (out of a possible 50).



a) Low Level

b) Middle Level

c) High Level

d) All of the above

Enter Your Answer (1 for a, 2 for b, 3 for c, 4 for d): 2

Correct Answer

8) Which of the following declaration is not supported by C language?

a) String str;

b) char \*str;

c) float str = 3e2;

d) Both (a) & (b)

Enter Your Answer (1 for a, 2 for b, 3 for c, 4 for d): 1

Correct Answer

9) How many keywords are there in C programming language?

a) 42

b) 32

c) 35

d) None of these

Enter Your Answer (1 for a, 2 for b, 3 for c, 4 for d): 2

Correct Answer

10) What is #include <stdio.h>?

a) Preprocessor directive

b) Inclusion directive

c) Header file

d) All of the above

Enter Your Answer (1 for a, 2 for b, 3 for c, 4 for d): 1

Correct Answer

Your total attempted 10 questions

Your total 9 correct answers

Your total 1 wrong answers

Your total score is: 45

...Program finished with exit code 0

Press ENTER to exit console.