

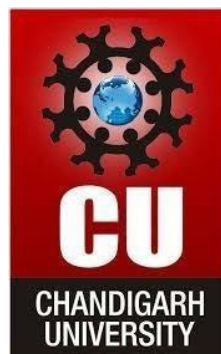


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DEPARTMENT OF
UNIVERSITY INSTITUTE OF COMPUTING
CHANDIGARH UNIVERSITY



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.