



Online Quiz System

MCQ-based quiz with scoring

PRESENTED BY

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INTRODUCTION AND PROGRAM OVERVIEW

- A simple multiple-choice quiz program written in C.

○ Main Features:

- Three multiple-choice questions.
- Timer functionality (optional).
- Tracks and displays the user's score.
- Saves high scores to a file and displays them.

PROGRAM AND MCQ STRUCTURE

➤ Program Structure:

- **MCQ Structure:** Stores questions, options, and answers.
- **Functions:**
 - **loadSampleQuestions():** Loads predefined questions.
 - **saveHighScore():** Saves high scores to a file.
 - **showHighScores():** Displays high scores.

➤ MCQ Structure:

- **question:** Stores the text of the question.
- **options:** Array holding options (A, B, C, D).
- **answer:** Stores the correct answer (e.g., 'A', 'B').

QUIZ LOGIC AND TIMER

- **Quiz Logic:**
 - User answers questions (A, B, C, D).
 - Program checks answers and updates the score.
 - Displays score after the quiz.
- **Timer Functionality:**
 - Timer is optional based on user input.
 - Ends quiz if 60 seconds pass.

HIGH SCORES AND USER INTERACTION

- **High Score System:**
 - Saves and displays high scores in highscore.txt.
- **User Interaction:**
 - User inputs name, chooses timer preference, and answers questions.
 - Program checks answers and displays the score at the end.

CODE WALKTHROUGH AND CONCLUSION

- **Key Code Highlights:**

- Loading questions, timing, and saving high scores.

- **Conclusion:**

- Recap of the program's features: quiz, timer, high score tracking.
- Future improvements: Customizable timer, dynamic questions, error handling.



CODE:

<https://onlinegdb.com/Gkw6cEKJS>

OUTPUT SAMPLE

```
Enter your name: navya
Enable timer? (1 = Yes / 0 = No): 0

Q1: Which of the following is not a valid data type in C language?
A) int
B) float
C) real
D) char
Your answer (A/B/C/D): c

Q2: Which operator is used to access the value at a specific memory address?
A) &
B) *
C) $
D) %
Your answer (A/B/C/D): b

Q3: Which header file is required to use the printf and scanf functions in C?
A) stdlib.h
B) string.h
C) math.h
D) stdio.h
Your answer (A/B/C/D): d

Your score: 3/3

--- High Scores ---
hasini - 2
```




THANK YOU