

Quiz Game User Manual

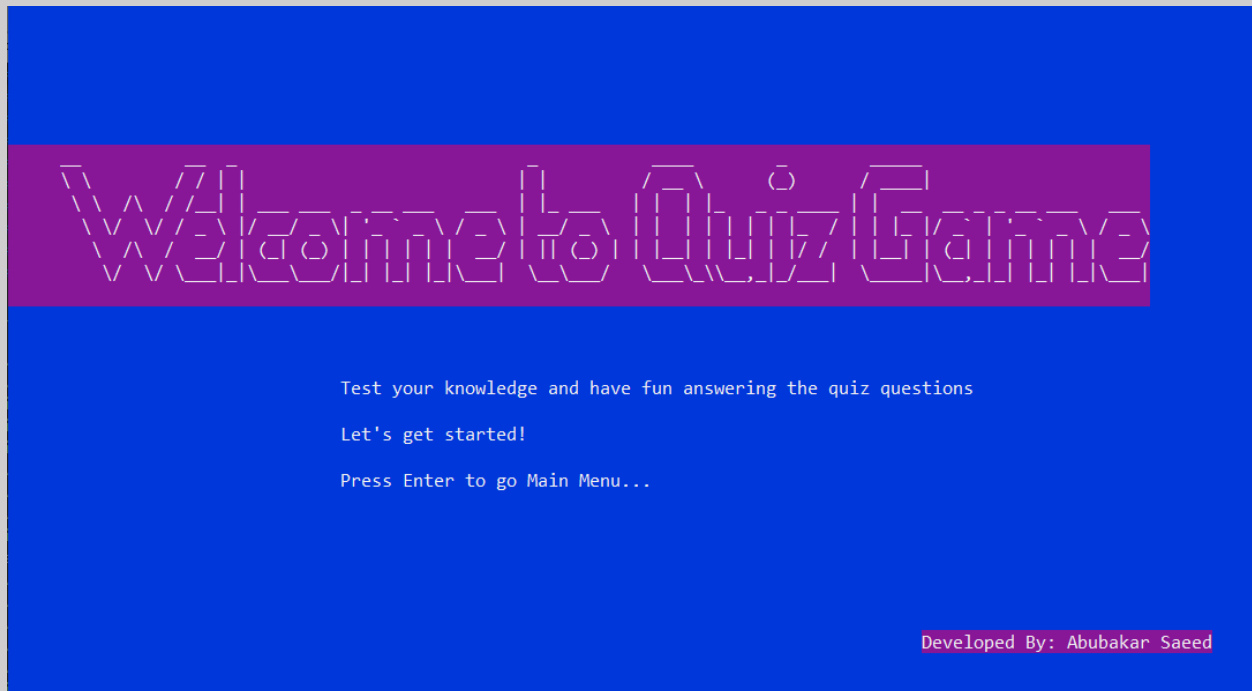
Introduction:

The Quiz Game is a fun and educational program that allows players to test their knowledge by answering quiz questions. The game offers various subjects to choose from, such as English, DLD (Digital Logic Design), Calculus, Discrete Math, PF (Programming Fundamentals), and Pak Study. Each subject contains a set of quiz questions.

Getting Started:

When you launch the program, you will be greeted with a welcome screen displaying the game's title and a brief description.

Press "Enter" to proceed to the main menu.



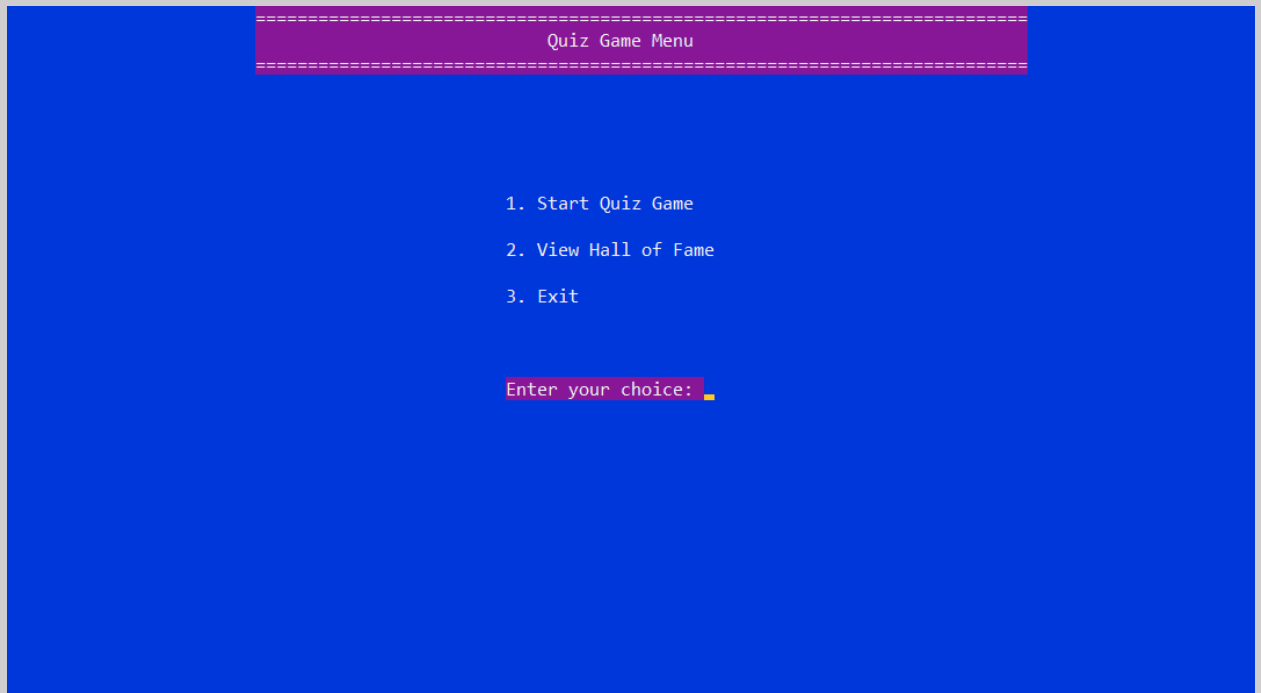
Main Menu:

The main menu displays the following options:

Play Quiz: Select this option to start the quiz.

High Scores: View the high scores of previous players.

Quit: Exit the game.

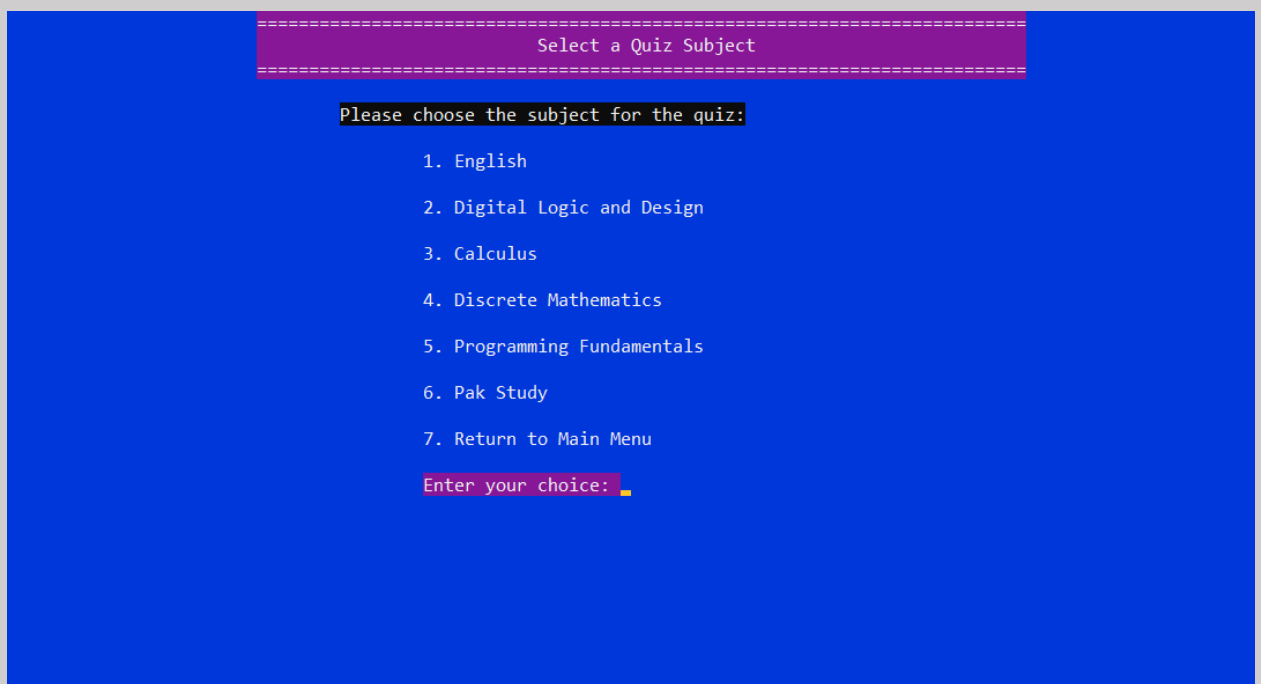


Starting the Quiz:

Select "Start Quiz Game" from the main menu.

Choose a subject from the list of available subjects.

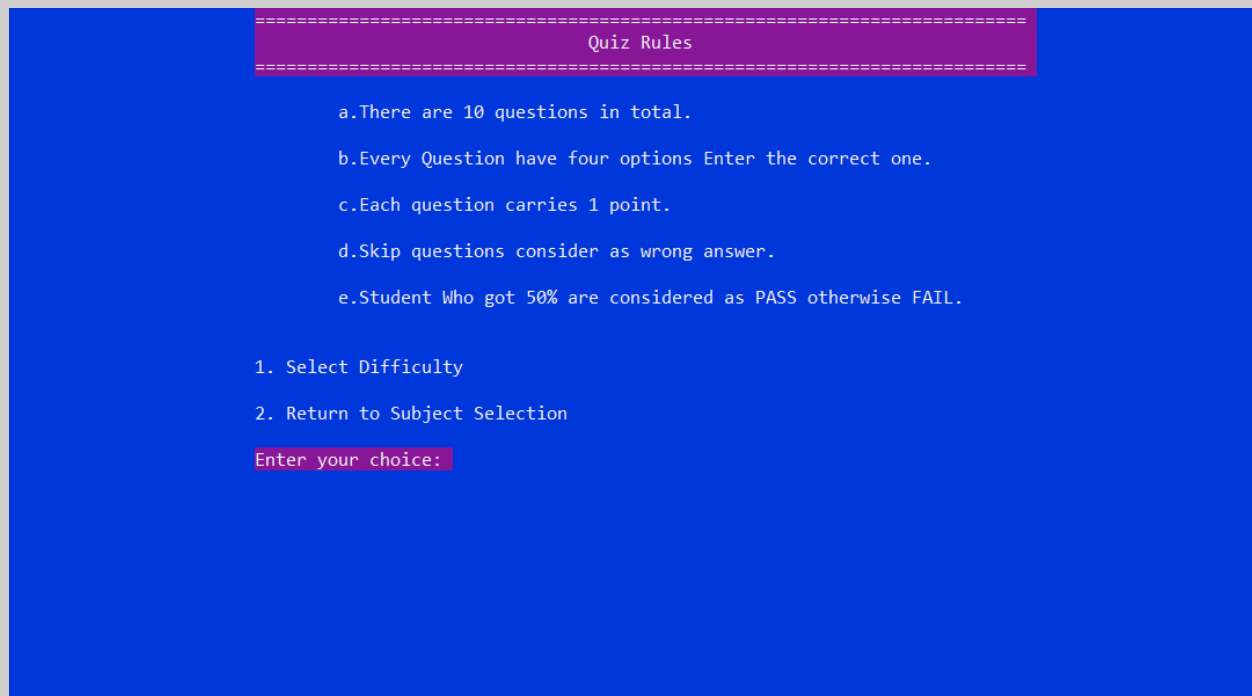
Go Back: Return to the main menu.



Quiz Rules

Before starting the quiz, please familiarize yourself with the following rules:

If you want to choose a different subject or modify your selection, select the "Return to Subject Selection" option. You will be taken back to the subject selection menu to make another choice



Player Information:

After selecting a subject for the quiz, you will be prompted to enter your name and roll number. Follow these guidelines:

Enter Your Name:

Use alphabetic characters only.

Avoid numbers, special characters.

Limit your name to 15 characters.

Enter Your Roll Number:

Use integers only, without any non-numeric characters or symbols.

If you make an error, you will be prompted to re-enter a valid roll number and name.

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Player Information

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Enter Name: example name

Enter Roll number: 123

Choose Difficulty Level

Select Difficulty level to select difficulty in this section user will prompt to choose difficulty level for the Quiz. Depending upon user Choice the Quiz is different depending upon difficulty level.

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Quiz Difficulty

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Select Your Difficulty

1.Easy

2.Medium

3.Hard

4.Return to Subject Selection

Enter Your Choice:

Start Quiz

Each quiz consists of multiple-choice questions. Read each question carefully and select the correct answer (A, B, C, D, S or E).

- S is to Skip the question, E is to End the Quiz.
- Press the corresponding letter key to choose your answer.
- After selecting an answer, you will receive immediate feedback indicating whether your answer was correct or incorrect.
- The quiz will continue with the next question until all questions are answered.
- At the end of the quiz, you will receive your result card.

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                        English Quiz
=====
Total Questions: 10      Questions Left: 10      Correct Answers: 0      Incorrect Answers : 0
=====
Player Name: Example Name      Roll Number: 123      Difficulty: Hard

Question #1: Which skill is essential for reasoning critically?

A. Analyzing arguments and evidence.
B. Using emotional appeals to persuade.
C. Applying personal biases and beliefs.
D. Accepting information without question.

Enter your answer (A, B, C, D or S to skip and E to End quiz):

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                        English Quiz Result
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Don't feel bad, you can retake this Quiz.

Player Name:      Example Name
Roll Number:      123
Quiz Subject:     English
Difficulty:        Hard
Questions:         10
Your Score:        1
Percentage:        10 %
Grade:             D
Status:            FAIL

1.Retake the quiz
2.View Hall of Fame
3.Return Main Menu or any other key to Exit
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High Scores:

Select "High Scores" from the main menu to view the high scores of previous players. The high scores are displayed in descending order depending upon player score, showing the player's name, subject, roll number, score, and total questions.

| High Scores | | | | | | |
|-------------|--------------|-------------|------------|---------|-------|-----------------|
| No | Player Name | Roll Number | Difficulty | Subject | Score | Total Questions |
| 1 | ABC | 234 | Easy | PF | 8 | 10 |
| 2 | Example Name | 123 | Hard | English | 1 | 10 |

Enter 1 to Return to Main Menu or any other key to exit:

Result Generating

At the end of game a result card will generated in txt file with player Name.

| Result Card | |
|-----------------------------------|--------------|
| Player Name: | Example Name |
| Roll Number: | 123 |
| Quiz Subject: | English |
| Difficulty: | Hard |
| Questions: | 10 |
| Your Score: | 1 |
| Percentage: | 50 % |
| Grade: | D |
| Status: | PASS |
| Errors and omissions are excepted | |

Error Handling:

The program includes error handling to prevent invalid input. If you enter an invalid choice or incorrect input, an error message will be displayed, and you will be prompted to try again.

Notes:

The program may have specific system requirements and dependencies, such as the Windows operating system and the "windows.h" header file. Make sure to run the program on a compatible system. The quiz questions and answers are stored in text files located in the "Subjects" folder. You can modify or add new questions by editing the respective subject files.

Credits:

The quiz game project was developed by Abubakar Saeed.

Feedback and Support:

If you encounter any issues or have suggestions for improvement, please contact us at abubakarsaeed915@gmail.com for support or feedback.