



Faculty of Engineering and Applied Science

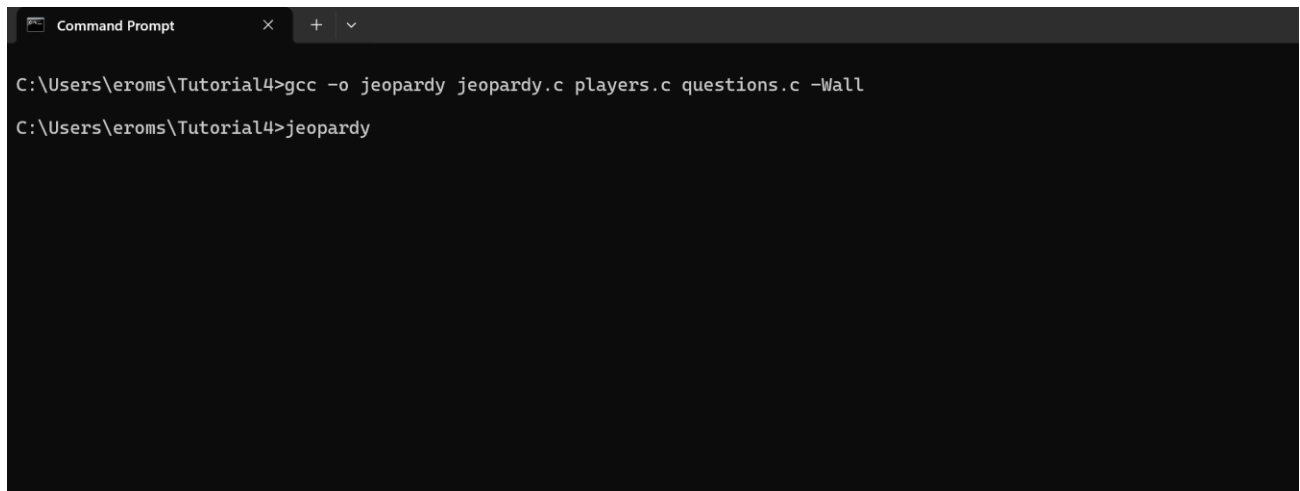
SOFE 3950U Operating System

Tutorial 4 - Jeopardy

GROUP 12

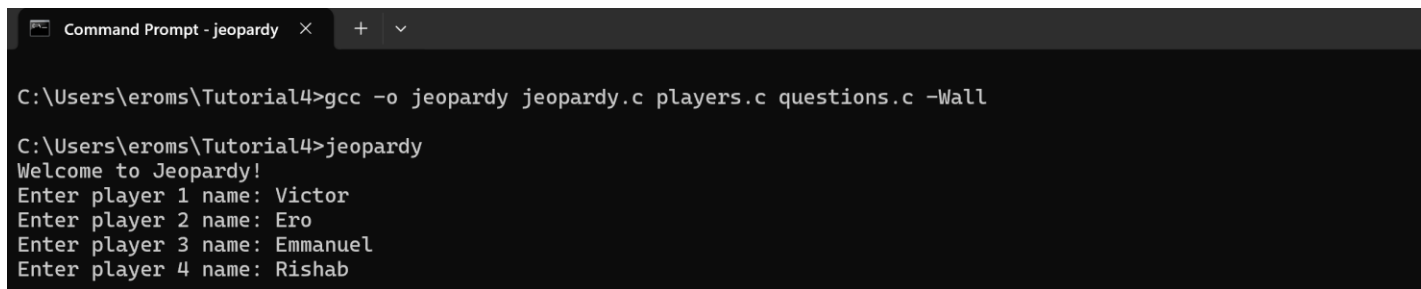
Github Link: <https://github.com/riishhabb/OS-Tut-4>

Jeopardy Game



```
Command Prompt
C:\Users\eroms\Tutorial4>gcc -o jeopardy jeopardy.c players.c questions.c -Wall
C:\Users\eroms\Tutorial4>jeopardy
```

Compiling the Program



```
Command Prompt - jeopardy
C:\Users\eroms\Tutorial4>gcc -o jeopardy jeopardy.c players.c questions.c -Wall
C:\Users\eroms\Tutorial4>jeopardy
Welcome to Jeopardy!
Enter player 1 name: Victor
Enter player 2 name: Ero
Enter player 3 name: Emmanuel
Enter player 4 name: Rishab
```

The User enters 4 names for each player for the game to begin

```
Command Prompt - jeopardy x + v
C:\Users\eroms\Tutorial4>gcc -o jeopardy jeopardy.c players.c questions.c -Wall
C:\Users\eroms\Tutorial4>jeopardy
Welcome to Jeopardy!
Enter player 1 name: Victor
Enter player 2 name: Ero
Enter player 3 name: Emmanuel
Enter player 4 name: Rishab

Available Categories:
- programming for 100 points
- programming for 200 points
- programming for 300 points
- programming for 400 points
- algorithms for 100 points
- algorithms for 200 points
- algorithms for 300 points
- algorithms for 400 points
- databases for 100 points
- databases for 200 points
- databases for 300 points
- databases for 400 points

Enter player name to choose a question: |
```

The questions category and price then becomes available for a player to select

```
Command Prompt - jeopardy x + v
C:\Users\eroms\Tutorial4>gcc -o jeopardy jeopardy.c players.c questions.c -Wall
C:\Users\eroms\Tutorial4>jeopardy
Welcome to Jeopardy!
Enter player 1 name: Victor
Enter player 2 name: Ero
Enter player 3 name: Emmanuel
Enter player 4 name: Rishab

Available Categories:
- programming for 100 points
- programming for 200 points
- programming for 300 points
- programming for 400 points
- algorithms for 100 points
- algorithms for 200 points
- algorithms for 300 points
- algorithms for 400 points
- databases for 100 points
- databases for 200 points
- databases for 300 points
- databases for 400 points

Enter player name to choose a question: Victor
Enter a category and value (e.g., 'programming 200'): programming 100
Question (programming, 100): What function is used for output in C?
Enter your answer: printf
Correct!

Available Categories:
- programming for 200 points
- programming for 300 points
- programming for 400 points
- algorithms for 100 points
- algorithms for 200 points
- algorithms for 300 points
- algorithms for 400 points
- databases for 100 points
- databases for 200 points
- databases for 300 points
- databases for 400 points

Enter player name to choose a question:
```

Each player takes turn entering their names and selecting the question they want

```
Enter player name to choose a question: Emmanuel
Enter a category and value (e.g., 'programming 200'): databases 400
Question (databases, 400): What reduces redundancy in databases?
Enter your answer: I'm not sure
Incorrect! The correct answer was: stack

Available Categories:
- programming for 300 points
- programming for 400 points
- algorithms for 100 points
- algorithms for 200 points
- algorithms for 300 points
- algorithms for 400 points
- databases for 100 points
- databases for 200 points
- databases for 300 points

Enter player name to choose a question: |
```

If a player gets an answer wrong it tells them and shows the correct answer

```
Enter player name to choose a question: vic
Invalid player name. Try again.

Available Categories:
- programming for 300 points
- programming for 400 points
- algorithms for 100 points
- algorithms for 200 points
- algorithms for 300 points
- databases for 100 points
- databases for 200 points

Enter player name to choose a question:
```

Each player has to enter the valid name they selected at the beginning of the game

```
Game Over!

Final Scores:
Ero: 1100 points
Victor: 400 points
Rishab: 400 points
Emmanuel: 0 points

C:\Users\eroms\Tutorial4>
```

Each player takes turn answering questions until all questions have been answered. Total scores are then displayed at the end of the game