jupyter Untitled37 Last Checkpoint: 1 minute ago

File Edit View Run Kernel Settings Help

Trusted

Code JupyterLab Python 3 (ipykernel)

[*]:
```
import random
def computer_choice():
    choices = ['rock', 'paper', 'scissors']
    return random.choice(choices)
def determine_winner(user, computer):
    if user == computer:
        return "It's a tie!"
    elif (user == 'rock' and computer == 'scissors') or (user == 'paper' and computer == 'rock') or (user == 'scissors' and computer == 'paper'):
        return "You win!"
    else:
        return "Computer wins!"

def play_game():
    print("Welcome to Rock, Paper, Scissors!")
    while True:
        user_choice = input("Enter 'rock', 'paper', or 'scissors' (or 'quit' to exit): ").lower()

        if user_choice == 'quit':
            print("Thanks for playing!")
            break

        if user_choice not in ['rock', 'paper', 'scissors']:
            print("Invalid choice, please try again.")
            continue
        comp_choice = computer_choice()

        print(f"Computer chose: {comp_choice}")
        result = determine_winner(user_choice, comp_choice)
        print(result)
play_game()
```

```
Welcome to Rock, Paper, Scissors!
Enter 'rock', 'paper', or 'scissors' (or 'quit' to exit):  rock
Computer chose: paper
Computer wins!
Enter 'rock', 'paper', or 'scissors' (or 'quit' to exit):  paper
Computer chose: paper
It's a tie!
Enter 'rock', 'paper', or 'scissors' (or 'quit' to exit):  pl
Invalid choice, please try again.
Enter 'rock', 'paper', or 'scissors' (or 'quit' to exit):  rock
Computer chose: paper
Computer wins!
Enter 'rock', 'paper', or 'scissors' (or 'quit' to exit):
```