

In [1]: `import random`

```
def get_user_choice():
    choices = ['rock', 'paper', 'scissors']
    user_choice = input("Enter your choice (rock, paper, or scissors): ").lower()
    while user_choice not in choices:
        print("Invalid choice. Please try again.")
        user_choice = input("Enter your choice (rock, paper, or scissors): ").lower()
    return user_choice

def get_computer_choice():
    choices = ['rock', 'paper', 'scissors']
    return random.choice(choices)

def determine_winner(user_choice, computer_choice):
    if user_choice == computer_choice:
        return "tie"
    elif (user_choice == 'rock' and computer_choice == 'scissors') or \
         (user_choice == 'scissors' and computer_choice == 'paper') or \
         (user_choice == 'paper' and computer_choice == 'rock'):
        return "user"
    else:
        return "computer"

def display_result(user_choice, computer_choice, winner):
    print(f"You chose: {user_choice}")
    print(f"Computer chose: {computer_choice}")
    if winner == "tie":
        print("It's a tie!")
    elif winner == "user":
        print("You win!")
    else:
        print("Computer wins!")

def play_game():
    user_score = 0
    computer_score = 0
    while True:
        user_choice = get_user_choice()
        computer_choice = get_computer_choice()
        winner = determine_winner(user_choice, computer_choice)
        display_result(user_choice, computer_choice, winner)

        if winner == "user":
            user_score += 1
        elif winner == "computer":
            computer_score += 1

        print(f"Scores - You: {user_score}, Computer: {computer_score}")

        play_again = input("Do you want to play again? (yes/no): ").lower()
        if play_again != 'yes':
            break

if __name__ == "__main__":
    play_game()
```

```
Enter your choice (rock, paper, or scissors): rock
You chose: rock
Computer chose: paper
Computer wins!
Scores - You: 0, Computer: 1
Do you want to play again? (yes/no): yes
Enter your choice (rock, paper, or scissors): paper
You chose: paper
Computer chose: paper
It's a tie!
Scores - You: 0, Computer: 1
Do you want to play again? (yes/no): no
```

In [ ]:

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