

```
import random
```

```
def get_user_choice():
```

```
    while True:
```

```
        user_choice = input("Enter your choice  
(rock, paper, or scissors): ").lower()
```

```
        if user_choice in ["rock", "paper",  
"scissors"]:
```

```
            return user_choice
```

```
        else:
```

```
            print("Invalid choice. Please try  
again!")
```

```
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 "You win!"
else:
    return "You lose!"
```

```
def play_game():
    score = {"user": 0, "computer": 0}
    while True:
        user_choice = get_user_choice()
        computer_choice =
get_computer_choice()
        print(f"\nYou chose: {user_choice}")
        print(f"Computer chose:
{computer_choice}")
        result =
determine_winner(user_choice,
```

```
computer_choice)
    print(result)
    if result == "You win!":
        score["user"] += 1
    elif result == "You lose!":
        score["computer"] += 1
    print(f"Score - You: {score['user']},
Computer: {score['computer']}")
    play_again = input("Do you want to
play again? (yes/no): ").lower()
    if play_again != "yes":
        break
```

```
play_game()
```