TASK 4 : ROCK-PAPER-SCISSORS GAME

```python
import random
choices = ["rock", "paper", "scissors"]
score_user, score_comp = 0, 0
print("\nWelcome to RPS Game!")
while True:
    user = input("\nChoose (rock/paper/scissors or exit): ").lower()
    if user == "exit":
        print("\nGame Over!")
        print(f"Final Score → You: {score_user} | Computer: {score_comp}")
        if score_user > score_comp:
            print("Final Winner: YOU! the Champion! ")
        elif score_comp > score_user:
            print("Final Winner: Computer! Better luck next time ")
        else:
            print("Final Result: It's a TIE!")
        break
    computer = random.choice(choices)
    print(f"You chose: {user}")
    print(f"Computer chose: {computer}")
    if user == computer:
        print(" It's a tie!")
    elif (user == "rock" and computer == "scissors") or \
         (user == "paper" and computer == "rock") or \
         (user == "scissors" and computer == "paper"):
        print("You win this round!")
```

```python
    if user == "exit":
        print("\nGame Over!")
        print(f"Final Score → You: {score_user} | Computer: {score_comp}")
        if score_user > score_comp:
            print("Final Winner: YOU! the Champion! ")
        elif score_comp > score_user:
            print("Final Winner: Computer! Better luck next time ")
        else:
            print("Final Result: It's a TIE!")
        break
    computer = random.choice(choices)
    print(f"You chose: {user}")
    print(f"Computer chose: {computer}")
    if user == computer:
        print(" It's a tie!")
    elif (user == "rock" and computer == "scissors") or \
         (user == "paper" and computer == "rock") or \
         (user == "scissors" and computer == "paper"):
        print("You win this round!")
        score_user += 1
    else:
        print("Computer wins this round!")
        score_comp += 1
    print(f"Score → You: {score_user} | Computer: {score_comp}")
```

Welcome to RPS Game!

Choose (rock/paper/scissors or exit): scissors

You chose: scissors

Computer chose: paper

You win this round!

Score → You: 1 | Computer: 0

Choose (rock/paper/scissors or exit): rock

You chose: rock

Computer chose: paper

Computer wins this round!

Score → You: 1 | Computer: 1

Choose (rock/paper/scissors or exit): paper

You chose: paper

Computer chose: rock

You win this round!

Score → You: 2 | Computer: 1

Choose (rock/paper/scissors or exit): exit

Game Over!

Final Score → You: 2 | Computer: 1

Final Winner: YOU! the Champion!