```java
import java.util.Scanner;

 import java.util.Random;

public class RockPaperScissors {public static void main(String[] args)

{
   Random randy = new Random();
   Scanner sc = new Scanner(System.in);   System.out.println("What choice would you like
to choose? ");
   System.out.println("1. Rock   2. Scissors   3. Paper");
   int user = sc.nextInt();
   int ran = randy.nextInt(3)+1;

   if (ran==user)
   {
      System.out.println("You both played the same choice");
      System.out.println("TIE");
   }

   else if (ran==1 & user==2)
   {
      System.out.println("The computer played ROCK, and you played SCISSORS");
      System.out.println("YOU LOSE");
   }

   else if (ran==1 & user==3)
   {
      System.out.println("The computer played ROCK, and you played PAPER");
      System.out.println("YOU WIN!");
   }

   else if (ran==2 & user==1)
   {
      System.out.println("The computer played SCISSORS, and you played ROCK");
      System.out.println("YOU WIN!");
   }
```

```java
        else if(ran==2 & user==3)
        {
            System.out.println("The computer played SCISSORS, and you played PAPER");
            System.out.println("YOU LOSE");
        }

        else if(ran==3 & user==1)
        {
            System.out.println("The computer played PAPER, and you played ROCK");
            System.out.println("YOU LOSE");
        }

        else if(ran==3 & user==2)
        {
            System.out.println("The computer played PAPER, and you played SCISSORS");
            System.out.println("YOU WIN!");
        }

        else if(user>3)
        {
            System.out.println("INVALID CHOICE");
        }

        if(user<1)
        {
            System.out.println("INVALID CHOICE");
        }


    }


}



Output:
```

```
What choice would you like to choose?
1. Rock    2. Scissors   3. Paper
1
The computer played SCISSORS, and you played ROCK
YOU WIN!
```

```
What choice would you like to choose?
1. Rock    2. Scissors   3. Paper
2
The computer played ROCK, and you played SCISSORS
YOU LOSE
```

```
What choice would you like to choose?
1. Rock    2. Scissors   3. Paper
3
The computer played ROCK, and you played PAPER
YOU WIN!
```