```java
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 */

package assignment2;

import java.util.Scanner;
import java.util.Random;
public class Rock_Paper_Sissors {

	public static void main(String[] args)
	{
		int n;
		Scanner keyboard = new Scanner(System.in);
		do{ // loop that runs until the user asks the computer to stop
			n=0;
			int computer=0;
			int user=0; // creating some reference variables to compare data
			System.out.println("Hello to the Game of Rock Paper Sissors");
			for(int i=0;i<3;i++)// loop that runs at most 3 times
			{
				String computer_input2="";
				System.out.println("\nEnter one of Rock, Paper or
Sissors");

				String user_input = keyboard.next().toUpperCase(); // takes
and converts user input to upper case
				Random r= new Random();
				int computer_input1=r.nextInt(3);// creates a random value
from 0 to 3

				switch(computer_input1)// assigns one of rock, paper or
sissors for the random generated value
				{
				case (0):
					computer_input2="ROCK";
					break;
				case (1):
					computer_input2="PAPER";
					break;
				case (2):
					computer_input2="SISSORS";
					break;
				}

				if (user_input.equals(computer_input2))// executes if both
user and computer inputs are same
				{
					System.out.println("Draw");
					System.out.println("Computer=
"+computer+"You="+user);
				}

				else
if((computer_input2.equals("ROCK")&&user_input.equals("PAPER"))||
(computer_input2.equals("PAPER")&&user_input.equals("SISSORS"))||
(computer_input2.equals("SISSORS")&&user_input.equals("ROCK")))
					{// Executes in a condition where the value entered by user
beats computer generated value
```

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                              System.out.println("You Win");
                              user++;// counts no of time user wins
                              System.out.println("Computer= "+computer+"\
tYou="+user);
                       }
                       else
                       {
                              System.out.println("Computer Wins");
                              computer++;// counts no of time computer wins
                              System.out.println("Computer= "+computer+"\
tYou="+user);

                       }

                       System.out.println("\nComputer Selected \
n"+computer_input2);
                       if (user==2)// executes to run best of 3 simulation
                       {// if any of the player wins 2 matches then the loop can
be breaked as the player clearly wins
                              break;
                       }
                       else if(computer==2)
                       {
                              break;
                       }

                 }

                 if(user>computer) // checks who has highest win among both
players
                 {
                       System.out.println("Horray!!! YOU WON \n");
                 }
                 else if(user<computer)
                 {
                       System.out.println("Sorry COMPUTER WON \n");
                 }
                 else // if both have no winning outcome then the match clearly
ended in a draw
                       System.out.println("The match ended in a draw \n");

                 System.out.println("Do you want to play one more round?(YES/No) \
n");// asks user if they want to continue
                 String again = keyboard.next().toUpperCase();
                 if(again.equals("YES"))
                       n=1;

          }while(n==1);// new game executes if user chooses to play again
      }


}
```