

```
1 import java.util.Random;
2
3
4 public class RockPaperScissors {
5
6     public static void main(String[] args) {
7         Random randy = new Random();
8         int choice = randy.nextInt(2)+1;
9
10        Scanner steve = new Scanner(System.in);
11
12        System.out.println("Please enter 1 for rock, 2 for paper, or 3 for scissors");
13        int play = steve.nextInt();
14        if (play != 1) {
15            if (play != 2) {
16                if (play != 3) {
17                    System.out.println("Invalid Input");
18                }
19            }
20        }
21
22        if (play == 1)
23            System.out.println("Your Choice: Rock");
24
25        else if (play == 2)
26            System.out.println("Your Choice: Paper");
27
28        else if (play == 3)
29            System.out.println("Your Choice: Scissors");
30
31        if (choice == 1)
32            System.out.println("My Choice: Rock");
33
34        else if (choice == 2)
35            System.out.println("My Choice: Paper");
36
37        else if (choice == 3)
38            System.out.println("My Choice: Scissors");
39
40        if (play == choice) {
41            System.out.println("We have tied");
42        }
43
44        else if (play == (choice+2)%3) {
45            System.out.println("I have won. Hooray!");
46        }
47
48        else if (choice == (play+2)%3) {
49            System.out.println("I have lost. Congratulations");
50        }
51    }
52
53 }
54
```