

```
1 import java.util.*;
2
3 class gusser{
4     int guessingNumber;
5
6     int guess() {
7         Scanner scan = new Scanner(System.in);
8         System.out.println("Guesser Please Enter The Guessing
number");
9         guessingNumber = scan.nextInt();
10        return guessingNumber;
11    }
12}
13
14 class PlayerAndUmpire{
15     int playerLimit;
16
17     void playersAndUmpire() {
18         Scanner scan = new Scanner(System.in);
19         int check = 0;
20         gusser gs= new gusser();
21         JavaAssignment_3 j = new JavaAssignment_3();
22         while(check==0) {
23             gs.guess();
24             ++check;
25         }
26
27         System.out.println("Enter The Starting of the range For Hint
(Note : Enter The Correct Range)");
28         int rangeStart = scan.nextInt();
29         if(rangeStart>gs.guessingNumber) {
30             System.out.print("Incorrect Range");
31             System.out.println();
32             j.main(null);
33         }
34
35         System.out.println("Enter The End point of the Range For
Hint");
36         int rangeLast = scan.nextInt();
```

```
37         System.out.println("Enter The Number Of Players");
38         playerLimit = scan.nextInt();
39         System.out.println("(Hint)Choose The Number In The Given
Range");
40         for(int i =0;rangeStart<rangeLast;i++) {
41             if(i==0)
42                 System.out.print(rangeStart+" ");
43
44                 System.out.print(++rangeStart+" ");
45                 if(i==rangeStart) {
46                     i += rangeStart;
47                 }
48         }
49         System.out.println();
50         int[] playerAns = new int[playerLimit];
51         for(int i=0;i<playerAns.length;i++) {
52             int playerNum = i+1;
53             System.out.println("Please enter your Choice Player
"+playerNum);
54             int tempAns =scan.nextInt();
55             playerAns[i] = tempAns;
56         }
57         int chkWin = 0;
58         int NumOfWin =0;
59         for(int i =0;i<playerAns.length;i++) {
60
61             if(playerAns[i]==gs.guessingNumber) {
62                 int playNum = i+1;
63                 System.out.println("Player "+playNum+" Is a
Winner");
64                 ++chkWin;
65                 NumOfWin++;
66             }
67         }
68
69         if(chkWin==0){
70             System.out.println("None Of Them Are Winner");
71         }
72
```

```
73      System.out.println("Numebr Of Wins : "+NumOfWin);
74      int NumOfLoss =playerAns.length-NumOfWin;
75      System.out.println("Number Of Loss : "+NumOfLoss);
76      System.out.println("Enter 1 For Replay Enter 2 For Exit");
77      int loop = scan.nextInt();
78
79      if(loop ==1) {
80          j.main(null);
81      }
82      else {
83          System.out.println("Thank You Play Again");
84      }
85  }
86 }
87
88 public class JavaAssignment_3 {
89
90     public static void main(String[] args) {
91         Scanner scan = new Scanner(System.in);
92         PlayerAndUmpire pl = new PlayerAndUmpire();
93         pl.playersAndUmpire();
94
95
96     }
97
98 }
99
```