**Third Java Assignment Answer**

**Guesser Game Project**

import java.util.\*;

class gusser{

int guessingNumber;

int guess() {

Scanner scan = new Scanner(System.in);

System.out.println("Guesser Please Enter The Guessing number");

guessingNumber = scan.nextInt();

return guessingNumber;

}

}

class PlayerAndUmpire{

int playerLimit;

void playersAndUmpire() {

Scanner scan = new Scanner(System.in);

int check = 0;

gusser gs= new gusser();

JavaAssignment\_3 j = new JavaAssignment\_3();

while(check==0) {

gs.guess();

++check;

}

System.out.println("Enter The Starting of the range For Hint (Note : Enter The Correct Range)");

int rangeStart = scan.nextInt();

if(rangeStart>gs.guessingNumber) {

System.out.print("Incorrect Range");

System.out.println();

j.main(null);

}

System.out.println("Enter The End point of the Range For Hint");

int rangeLast = scan.nextInt();

System.out.println("Enter The Number Of Players");

playerLimit = scan.nextInt();

System.out.println("(Hint)Choose The Number In The Given Range");

for(int i =0;rangeStart<rangeLast;i++) {

if(i==0)

System.out.print(rangeStart+" ");

System.out.print(++rangeStart+" ");

if(i==rangeStart) {

i += rangeStart;

}

}

System.out.println();

int[] playerAns = new int[playerLimit];

for(int i=0;i<playerAns.length;i++) {

int playerNum = i+1;

System.out.println("Please enter your Choice Player "+playerNum);

int tempAns =scan.nextInt();

playerAns[i] = tempAns;

}

int chkWin = 0;

int NumOfWin =0;

for(int i =0;i<playerAns.length;i++) {

if(playerAns[i]==gs.guessingNumber) {

int playNum = i+1;

System.out.println("Player "+playNum+" Is a Winner");

++chkWin;

NumOfWin++;

}

}

if(chkWin==0){

System.out.println("None Of Them Are Winner");

}

System.out.println("Number Of Wins : "+NumOfWin);

int NumOfLoss =playerAns.length-NumOfWin;

System.out.println("Number Of Loss : "+NumOfLoss);

System.out.println("Enter 1 For Replay Enter 2 For Exit");

int loop = scan.nextInt();

if(loop ==1) {

j.main(null);

}

else {

System.out.println("Thank You Play Again");

}

}

}

public class JavaAssignment\_3 {

public static void main(String[] args) {

Scanner scan = new Scanner(System.in);

PlayerAndUmpire pl = new PlayerAndUmpire();

pl.playersAndUmpire();

}

}

**Console Output**

Guesser Please Enter The Guessing number

5

Enter The Starting of the range For Hint (Note : Enter The Correct Range)

1

Enter The End point of the Range For Hint

8

Enter The Number Of Players

3

(Hint)Choose The Number In The Given Range

1 2 3 4 5 6 7 8

Please enter your Choice Player 1

5

Please enter your Choice Player 2

3

Please enter your Choice Player 3

5

Player 1 Is a Winner

Player 3 Is a Winner

Number Of Wins : 2

Number Of Loss : 1

Enter 1 For Replay Enter 2 For Exit

2

Thank You Play Again