

Programme Name: \_\_\_\_\_\_\_\_**BCS HONS**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Course Code: \_\_**CSC 2515**\_\_\_\_\_\_\_\_

Course Name: \_\_\_\_\_\_\_\_**Object Oriented Programming**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Assignment** / Lab Sheet / Project / Case Study No. \_**1**\_\_\_

Date of Submission: \_\_\_\_\_\_**12/6/2020**\_\_\_\_\_\_\_\_\_\_\_\_\_

**Submitted By: Submitted To:**

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Semester**: Third Semester**

Intake**: September 2019**

1. ans:

import java.util.Scanner; public class HintGame{ public static void main(String[]args){

System.out.println("the game is about choosing the right number according to the hints given"); int c=0; int min = 0; int max = 100; for(int i=0; i<10; i++){

System.out.println("choose any number between 1 to 100 according to the hints given");

double a = Math.random()\*(max-min+1) +min;

if(a<50){

System.out.println("hint:lower");} else{System.out.println("hint:higher");

}

Scanner sc = new Scanner(System.in); int n = sc.nextInt(); if(n==a){

c++;

System.out.println("your guess is correct");

}

else{ System.out.println("your guess is not correct");

}}

if(c>=3){

System.out.println("brilliant played");

}

else{System.out.println("well played");

}}}

2. ans:

The output of the following is illustrated below:

6

7

6

8

7

6

1. ans: the output is illustrated in next line: The output of the code is : 2 stars3 stars 466 stars stars

1. ans:

import java.util.Scanner; public class FindEven{ public static void main(String[]args){

Scanner s = new Scanner(System.in); System.out.println("enter size of integers to process"); int sum=0; String mes; int n = s.nextInt();

System.out.println("enter" +n+ "integers"); int ar[] = new int[]n; for(int i= 0; i<n; i++){ ar[]i= s.nextInt();

}

public static int evenNumbers(int[] pr){ for(int i =0; i<n; i++){ int no = ar[]i;

if(no%2==0){ sum= sum+no;

} else{ continue;

}

}

return("the sum of total even numbers is" + sum);

}

mes = evenNumbers(ar);

System.out.println(mes);

}

}