SUNWAY
INT'L BUSINESS SCHOOL
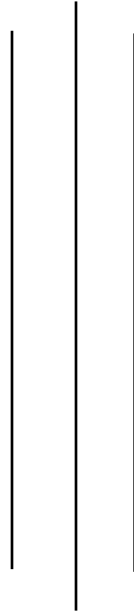
Programme Name: _____**BCS HONS**_____

Course Code: ___**CSC 2515**_____

Course Name: _____**Object Oriented Programming**_____

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

Date of Submission: _____**12/6/2020**_____

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1. ans:

```java
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

3 ans: the output is illustrated in next line: The output of the code is : 2 stars3

   stars 466 stars stars

4 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();

```java
}

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);


    }


}
```