LEADING UNIVERSITY, SYLHET

Dept. of Computer Science & Engineering

An Assignment on
Java basic

Course Code: CSE-2213
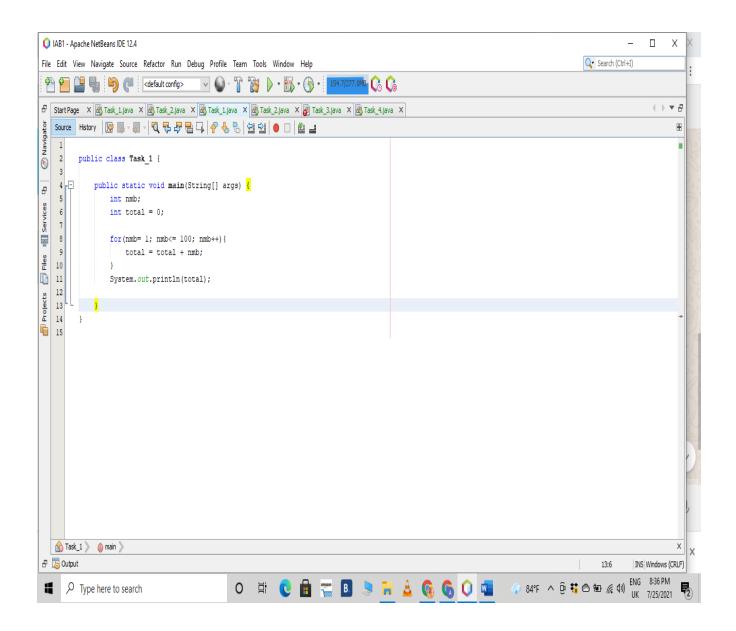Course Title: Object Oriented Programming

Submitted To:

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lecturer
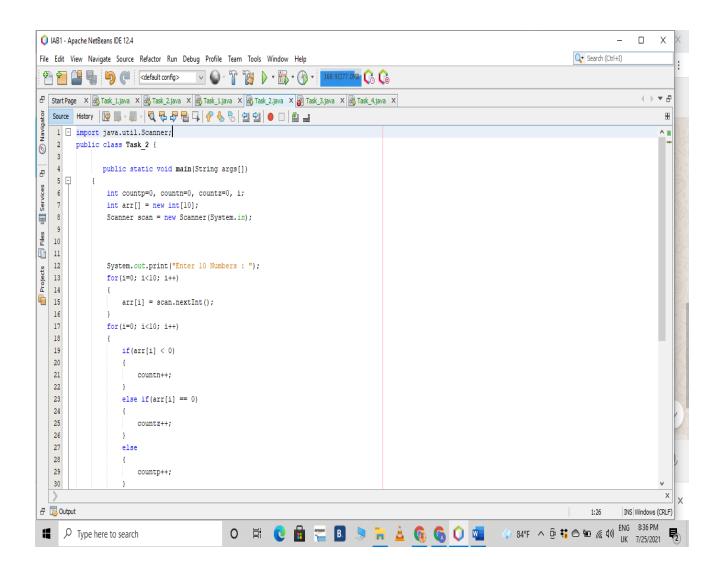Department of Computer Science & Engineering
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Date Of Submission:

25.07.21

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Source   History

```java
public class Task_1 {

    public static void main(String[] args) {
        int nmb;
        int total = 0;

        for(nmb= 1; nmb<= 100; nmb++){
            total = total + nmb;
        }
        System.out.println(total);

    }
}
```

Task_1   main

Output

13:6   INS   Windows (CRLF)

```java
import java.util.Scanner;
public class Task_2 {

        public static void main(String args[])
    {
        int countp=0, countn=0, countz=0, i;
        int arr[] = new int[10];
        Scanner scan = new Scanner(System.in);



        System.out.print("Enter 10 Numbers : ");
        for(i=0; i<10; i++)
        {
            arr[i] = scan.nextInt();
        }
        for(i=0; i<10; i++)
        {
            if(arr[i] < 0)
            {
                countn++;
            }
            else if(arr[i] == 0)
            {
                countz++;
            }
            else
            {
                countp++;
            }
```

```java
public class Task_3 {
    public static void printStars(int n)
    {
        int i, j;
        for(i=0; i<n; i++) //outer loop for number of rows(n) { for(j=2*(n-i); j>=0; j--) // inner loop for spaces
            {
                System.out.print(" "); // printing space
            }
            for(j=0; j<=i; j++) //  inner loop for columns
            {
                System.out.print("* "); // print star
            }
            System.out.println(); // ending line after each row
        }
    }
    public static void main(String args[])
    {
        int n = 5;
        printStars(n);
    }
}
```

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Source History

```java
import java.util.Scanner;
public class Task_4 {
    public static void main(String[] args) {

    char operator;
    Double number1, number2, result;

    // create an object of Scanner class
    Scanner input = new Scanner(System.in);

    // ask users to enter operator
    System.out.println("Choose an operator: +, -, *, or /");
    operator = input.next().charAt(0);

    // ask users to enter numbers
    System.out.println("Enter first number");
    number1 = input.nextDouble();

    System.out.println("Enter second number");
    number2 = input.nextDouble();

    switch (operator) {

      // performs addition between numbers
      case '+':
        result = number1 + number2;
        System.out.println(number1 + " + " + number2 + " = " + result);
        break;

      // performs subtraction between numbers
```

Output

1:26   INS   Windows (CRLF)