



LEADING UNIVERSITY, SYLHET

Dept. of Computer Science & Engineering

An Assignment on

Topic

Course Code: CSE-2214

Course Title: Object Oriented Programming Sessional

Submitted TO

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```
package task.pkg1;

public class Task1 {

    public static void main(String[] args) {

        {
            int i=0;
            int j;

            for(j=1; j<=100; j++)
            {
                i = i+j;
            }

            System.out.println("The sum of all numbers between 1 to 100 is "+i);
        }
    }
}
```

Task : 1

```

package task.pkg2;
import java.util.Scanner ;
public class Task2 {

    public static void main(String[] args) {
        int p=0,n=0,i;
        Scanner in = new Scanner (System.in);
        int[] a= new int[10];

        for(i=1; i<=10; i++)
        {
            a[i] = in.nextInt();
        }

        for(i=1; i<=10; i++)
        {
            if(a[i]>0)
            {
                p++;
            }
            else if(a[i]<0)
            {
                n++;
            }
        }

        System.out.printf("There are %d pos integers and %d neg integers",p,n);
    }
}

```

TASK : 2

```

package task.pkg3;
import java.util.Scanner ;
public class Task3 {
public static void main(String[] args) {

    Scanner in = new Scanner(System.in);
    int n = in.nextInt();
    int i,j;
    for(i=1; i<=n; i++)
    {
        for(j=1; j<=2*(n-i); j++)
        {
            System.out.print(" ");
        }
        for(j=1; j<=i; ++j)
        {
            System.out.print(+j);
            System.out.print(" ");
        }
        System.out.println();
    }
}
}

```

TASK : 3

```

package task.pkg4;

import java.util.Scanner;

public class Task4 {

    public static void main(String[] args) {

        Scanner input = new Scanner(System.in);
        System.out.println("Enter first number");
        int a = input.nextInt();
        System.out.println("Enter second number");
        int b = input.nextInt();

        System.out.println("1. Addition (+).");
        System.out.println("2. Subtraction (-).");
        System.out.println("3. Multiplication (*).");
        System.out.println("4. Division (/).");
        System.out.println("Enter operation number: ");

        int x = input.nextInt();
    }
}

```

TASK :4(Half)

```
int x = input.nextInt();

switch(x) {

case 1:
    System.out.printf("The result is %d\n", (a+b));
    break;
case 2:
    System.out.printf("The result is %d\n", (a-b));
    break;
case 3:
    System.out.printf("The result is %d\n", (a*b));
    break;
case 4:
    System.out.printf("The result is %d\n", (a/b));
}
```

TASK :4(Second Half)

```

public class Task5 {

    public static void main(String[] args) {
        int a,i,number;
        Scanner in = new Scanner(System.in);

        a = in.nextInt();

        int[] array = new int[a];
        System.out.printf("Enter %d integers: ",a);
        for(i=0; i<a; i++)
        {
            array[i] = in.nextInt();
        }

        System.out.printf("Enter the number to search: ");

        number = in.nextInt();

        int k=0;

        for(i=0; i<a; i++)
        {
            if(array[i]== number)
            {
                k++;
            }
        }

        System.out.printf("%d Occurred %d Times in The Array.", number,k);
    }
}

```

TASK : 5