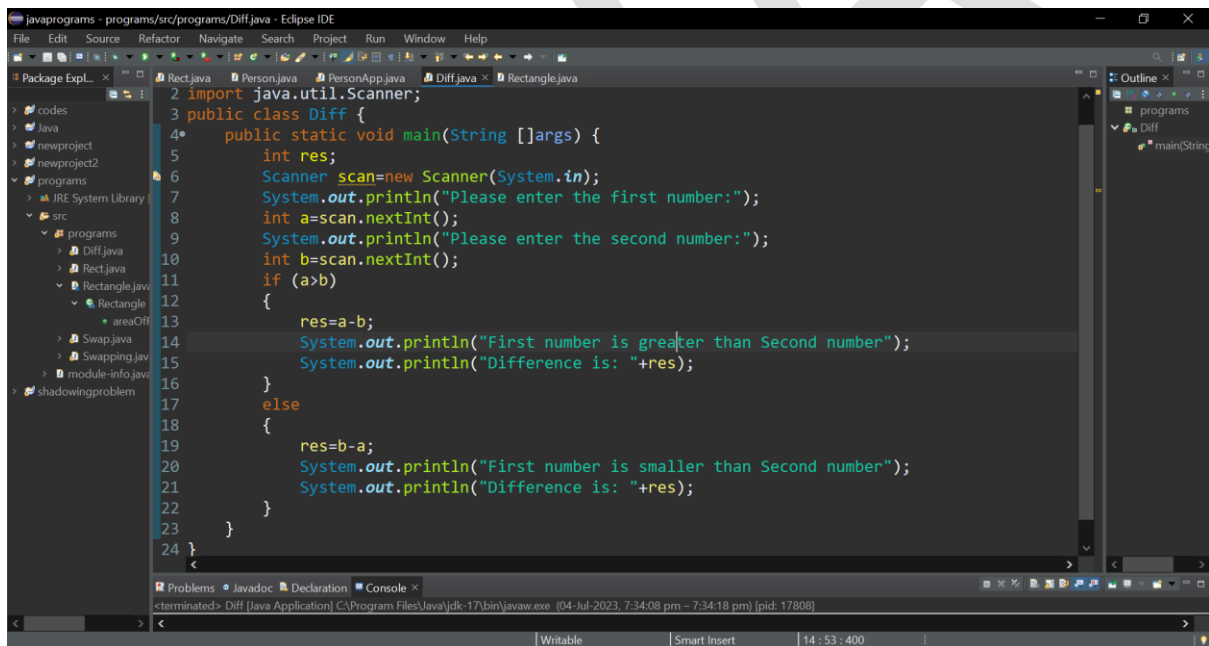# Basavaraj Aili

KodNest CSR June 2023 Batch (online)

Assignment: <mark>Write a Java program to find difference of two numbers. If first number is greater than second number subtract second number with first number, else subtract first number with second number.</mark>

Screenshots

<mark>Code:</mark>

```
import java.util.Scanner;

public class Diff {

        public static void main(String []args) {

                int res;

                Scanner scan=new Scanner(System.in);

                System.out.println("Please enter the first number:");

                int a=scan.nextInt();

                System.out.println("Please enter the second number:");
```

```
int b=scan.nextInt();

if (a>b)

{

        res=a-b;

        System.out.println("First number is greater than Second number");

        System.out.println("Difference is: "+res);

}

else

{

        res=b-a;

        System.out.println("First number is smaller than Second number");

        System.out.println("Difference is: "+res);

}
```

```
Please enter the first number:
10
Please enter the second number:
20
First number is smaller than Second number
Difference is: 10

Please enter the first number:
20
Please enter the second number:
10
First number is greater than Second number
Difference is: 10
```

04-07-2023