Module-5

Assignment-1

Code:

io_operations class:

```java
package Module_5;

import java.io.*;

public class io_operations {

int a;

int b;

io_operations(){

a=0;

b=0;

}

void input(int x,int y) {

a=x;

b=y;

}

void addition() {

int sum=0;

sum=a+b;

System.out.println("The sum of the numbers: "+sum);

}

void difference() {

int d=0;

if(a>b) {
```

```java
d=a-b;

System.out.println("The difference between the numbers: "+d);

}

else {

d=b-a;

System.out.println("The difference between the numbers: "+d);

}

}

void multipliy() {

int p=1;

p=a*b;

System.out.println("The product of the numbers: "+p);

}

}
```

io_operations_main class:

```java
package Module_5;

import java.io.*;

public class io_operations_main {

public static void main(String args[])throws IOException{

InputStreamReader isr=new InputStreamReader(System.in);

BufferedReader br=new BufferedReader(isr);

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

int a1=Integer.parseInt(br.readLine());

System.out.println("Enter the second number: ");

int b1=Integer.parseInt(br.readLine());

io_operations ob=new io_operations();
```

```
ob.input(a1,b1);

ob.addition();

ob.difference();

ob.multipliy();

}

}
```

Output:

Enter the first number:

25

Enter the second number:

50

The sum of the numbers: 75

The difference between the numbers: 25

The product of the numbers: 1250