Module-3

Assignment-2

CODE:

excelling_jonah class:

```
package Module_3;
import java.io.*;
public class excelling_jonah {
	int a;
	int b;
	double c;
	double d;
	excelling_jonah(){
		a=0;
		b=0;
		c=0.00;
		d=0.00;
	}
	int calculate(int x,int y){
		a=x;
		b=y;
		int sum=0;
		sum=x+y;
		return sum;
	}
	double calculate(double x,double y) {
		c=x;
		d=y;
		double sum=0.00;
		sum=c+d;
		return sum;
	}
}
```

excelling_jonah_main class(Driver code):

```
package Module_3;
import java.io.*;
public class excelling_jonah_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 integer number: ");
		int a=Integer.parseInt(br.readLine());
		System.out.println("Enter the second integer number: ");
		int b=Integer.parseInt(br.readLine());
		System.out.println("Enter the first floating number: ");
		double c=Double.parseDouble(br.readLine());
		System.out.println("Enter the second floating number: ");
		double d=Double.parseDouble(br.readLine());
```

```
            excelling_jonah ob=new excelling_jonah();
            int res1=ob.calculate(a, b);
            System.out.println("The sum integer numbers is: "+res1);
            double res2=ob.calculate(c, d);
            System.out.println("The sum of float numbers is: "+res2);
      }
}
```

OUTPUT:

```
Enter the first integer number:
45
Enter the second integer number:
72
Enter the first floating number:
12.012
Enter the second floating number:
45.602
The sum integer numbers is: 117
The sum of float numbers is: 57.614
```