**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