Experiment No: -04

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**Program Code: -**

import java.util.\*;

class Adder {

double a,b,c;

Adder (double a1, double b1) {

a=a1;

b=b1;

}

Adder (double a1, double b1, double c1) {

a=a1;

b=b1;

c=c1;

}

double add (double a, double b) {

return(a+b);

}

double add (double a,double b,double c){

return(a+b+c);

}

}

public class TestAdder {

public static void main(String[] args){

System.out.println("Enter three Numbers:");

Scanner sc=new Scanner(System.in);

double n1=sc.nextDouble();

double n2=sc.nextDouble();

double n3=sc.nextDouble();

Adder obj1=new Adder (n1, n2);

Adder obj2=new Adder (n1, n2, n3);

double r1=obj1.add (n1, n2);

System.out.println("Addition of first 2 numbers:"+r1);

double r2=obj2.add (n1, n2, n3);

System.out.println("Addition of three numbers:"+r2);

}

}

**Output:** -

Enter three Numbers:

5.1

3.1

2

Addition of first 2 numbers:8.2

Addition of three numbers:10.2

[Program finished]