**Experiment No.:04**

**class Addition**

**{**

**double num1, num2, num3;**

**Addition(double a, double b, double c)**

**{**

**num1 = a;**

**num2 = b;**

**num3 = c;**

**}**

**Addition(double a, double b)**

**{**

**num1 = a;**

**num2 = b;**

**}**

**Addition()**

**{**

**num1=num2=num3 = 0;**

**}**

**Addition(double value)**

**{**

**num1=num2=num3= value;**

**}**

**double add()**

**{**

**return num1+num2+num3;**

**}**

**double add(double num1,double num2)**

**{**

**return num1+num2;**

**}**

**public static void main(String args[])**

**{**

**Addition sum1 = new Addition(10,20,50);**

**Addition sum2 = new Addition();**

**Addition sum3 = new Addition(7);**

**Addition sum4 = new Addition(7,101);**

**double total;**

**total = sum1.add();**

**System.out.println(" Addition  is :" + total);**

**total = sum2.add();**

**System.out.println(" Addition  is : " + total);**

**total = sum3.add();**

**System.out.println(" Addition  is : " + total);**

**total = sum4.add();**

**System.out.println(" Addition  is : " + total);**

**}**

**}**

