3.Create a Java based application to perform various ways of Method overloading

**Code:-**

**package loading;**

**import java.util.Scanner;**

**public class Loading { void sum(int a,int b){**

**System.out.println(a+b);**

**}**

**void sum(int a,int b,int c){ System.out.println(a+b+c);**

**}**

**public static void main(String[] args) { Loading load=new Loading(); load.sum(20,30,60);**

**load.sum(20,20);**

**}**

**}**

**package area;**

**import java.util.Scanner;**

**public class Area {**

**void rectangle(int a,int b){ System.out.println(a\*b);**

**}**

**void square(int c)**

**{**

**System.out.println(c\*c);**

**}**

**public static void main(String[] args) { Area load=new Area(); load.rectangle(2, 3);**

**load.square(4);**

**}**

**}**