

PROGRAM ON METHOD AND CONSTRUCTOR OVERLOADING.

1) CONSTRUCTOR OVERLOADING

```
class Overload1
{
    public static void main(String[] args)
    { System.out.println(Multiplier.mult(2,3));
      System.out.println(Multiplier.mult(2,2,2));
    }
}

class Multiplier
{
    static int mult(int a,int b)
    {
        return a*b;
    }
    static int mult(int a,int b,int c)
    {
        return a*b*c;
    }
}
```

OUTPUT:

```
C:\Users\Dnyanesh\Desktop\java>java Overload1.java
6
8
```

2) METHOD OVERLOADING

```
class Overload2
{
    public static void main(String args[])
    {
        System.out.println(Adder.add(2,3));
        System.out.println(Adder.add(1.2,1.2));
    }
}

class Adder
{
    static int add(int a,int b)
    {
```

```
return a+b;
}
static double add(double a,double b)
{return a+b;}
}
```

OUTPUT:

```
C:\Users\Dnyanesh\Desktop\java>javac Overload2.java

C:\Users\Dnyanesh\Desktop\java>java Overload2.java
5
2.4
```