//Aim : show polymorphism

//method overloading

class Volume{

double myv(double x){

return x\*x\*x;

}

int myv(int x,int y,int z){

return x\*y\*z;

}

double myv(int r){

return (4/3)\*3.14\*r\*r\*r;

}

}

class VolumeDemo{

public static void main(String[] args) {

Volume v1=new Volume();

System.out.println("volume of cube of length 5.1 is " +v1.myv(5.1));

System.out.println("volume of cuboid of dimensions 5\*5\*5 is "+v1.myv(5,5,5));

System.out.println("volume of sphere of radius 5 is "+v1.myv(5));

}

}

**Output**

C:\Users\Nikhil\Desktop\bsc cs\sem 3 practical\java>javac VolumeDemo.java

C:\Users\Nikhil\Desktop\bsc cs\sem 3 practical\java>java VolumeDemo

volume of cube of length 5.1 is 132.65099999999998

volume of cuboid of dimensions 5\*5\*5 is 125

volume of sphere of radius 5 is 392.5