// Java program to illustrate

// Constructor Overloading

class Box

{

double p, r, t;

// constructor used when all dimensions

// specified

Box(double w, double h, double d)

{

p = w;

r = h;

t = d;

}

// constructor used when no dimensions

// specified

Box()

{

p = r = t = 0;

}

// constructor used when cube is created

Box(double len)

{

p = r = t = len;

}

// compute and return volume

double volume()

{

return (p \* r \* t)/100;

}

}

// Driver code

public class Test

{

public static void main(String args[])

{

// create boxes using the various

// constructors

Box mybox1 = new Box(10, 20, 15);

Box mybox2 = new Box();

Box mycube = new Box(7);

double vol;

// get volume of first box

vol = mybox1.volume();

System.out.println(" Volume of mybox1 is " + vol);

// get volume of second box

vol = mybox2.volume();

System.out.println(" Volume of mybox2 is " + vol);

// get volume of cube

vol = mycube.volume();

System.out.println(" Volume of mycube is " + vol);

}

}