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Welcome to GDB Online.

GDB online is an online compiler and debugger tool for C, C++, Python, Java, PHP, Ruby, Perl,

C#, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, HTML, CSS, JS, SQLite, Prolog.

Code, Compile, Run and Debug online from anywhere in world.

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import java.util.Scanner;

class Volume

{

private double length=0;

private double breadth=0;

private double height=0;

public void input\_dimensions()

{

Scanner s=new Scanner(System.in);

System.out.println(" Enter dimensions of the object:");

System.out.println(" Enter Length:" );

this.length=s.nextDouble();

System.out.println(" Enter Breadth:");

this.breadth=s.nextDouble();

System.out.println(" Enter Height:" );

this.height=s.nextDouble();

}

public void change\_dimensions(double ...dimensions)

{

System.out.println("Changing Dimensions........................");

this.length=dimensions[0];

this.breadth=dimensions[1];

this.height=dimensions[2];

}

Volume()

{

this.input\_dimensions();

}

Volume(Volume obj)

{

this.length=obj.return\_length();

this.breadth=obj.return\_breadth();

this.height=obj.return\_height();

}

public double volume\_calculation()

{

return (this.length)\*(this.breadth)\*(this.height);

}

public double return\_length()

{

return this.length;

}

public double return\_breadth()

{

return this.breadth;

}

public double return\_height()

{

return this.height;

}

}

public class Main

{

public static void main(String[] args) {

Volume obj =new Volume();

System.out.println(" The dimensions of the current object is:");

System.out.println(" Length:" + obj.return\_length());

System.out.println(" Breadth:"+ obj.return\_breadth());

System.out.println(" Height:" + obj.return\_height());

System.out.println(" Volume of the object is:" + obj.volume\_calculation());

System.out.println("Creating a copy of the current object...................... ");

Volume obj\_copy =new Volume(obj);

System.out.println("Changing the Dimensions of the copy object...........");

Scanner s=new Scanner(System.in);

System.out.println(" Enter new dimensions for the object:");

System.out.println(" Enter Length:" );

double length=s.nextDouble();

System.out.println(" Enter Breadth:");

double breadth=s.nextDouble();

System.out.println(" Enter Height:" );

double height=s.nextDouble();

obj\_copy.change\_dimensions(length,breadth,height);

System.out.println(" Volume for the new dimensions are:" + obj\_copy.volume\_calculation());

}

}