



HW04.CODESCREENSHOT



Archivo Editar Ver Insertar Formato Herramientas Extensiones Ayuda



Compartir



100%



ANTHONY ALAIN MORALES CARVAJAL

```
C:\Users\ANTHONY\Desktop\ESPE\POO\Project-Java CubeVolume.java
Name: Anthony Morales
CRN: 9642
Object Oriented Programming
Instructor: Edison Lascana
Enter the length of the side of the cube: 5
The Volume of the cube is:125.0

C:\Users\ANTHONY\Desktop\ESPE\POO\Project-Java CubeVolume.java
Name: Anthony Morales
CRN: 9642
Object Oriented Programming
Instructor: Edison Lascana
Enter the length of the side of the cube: -5
Warning! The length of the cube cannot be equal to or less than 0.
Enter the length of the side of the cube: 0
The Volume of the cube is:0.0

C:\Users\ANTHONY\Desktop\ESPE\POO\Project-J
```

```
CubeVolume
Archivo Editar Ver

import java.util.Scanner;

public class CubeVolumeCalculator{
    public static void main(String args[]){
        System.out.println("Name: Anthony Morales");
        System.out.println("CRN: 9642");
        System.out.println("Object Oriented Programming");
        System.out.println("Instructor: Edison Lascana");

        double sidelength = enterSidelength();
        double volume = calculateCubeVolume(sidelength);

        System.out.println("The Volume of the cube is:" + volume);
    }

    public static double enterSidelength(){
        Scanner scanner = new Scanner(System.in);
        double sidelength;
        do{
            System.out.print("Enter the length of the side of the cube: ");
            sidelength = scanner.nextDouble();
            validatePositive(sidelength);
        }while(sidelength <= 0);
        return sidelength;
    }

    public static void validatePositive(double number){
        if(number <= 0){
            System.out.println("Warning! The length of the cube cannot be equal to or less than 0.");
        }
    }

    public static double calculateCubeVolume(double sidelength){
        double volume = Math.pow(sidelength, 3);
        return volume;
    }
}
```

LENIN DAVID MORAN PALOMO



Anthony Morales

23:42 15 may

Agregar imagen



DAVID LEONEL

C:\WINDOWS\system32\cmd. X + v

C:\Users\ANTHONY\Desktop\ESPE\P00\Project>java CubeVolume.java
Name: Anthony Morales
CRN: 9642
Object Oriented Programming
Instructor: Edison Lascano
Enter the length of the side of the cube: 5
The Volume of the cube is:125.0

C:\Users\ANTHONY\Desktop\ESPE\P00\Project>java CubeVolume.java
Name: Anthony Morales
CRN: 9642
Object Oriented Programming
Instructor: Edison Lascano
Enter the length of the side of the cube: -5
Warning! The length of the cube cannot be equal to or less than 0.
Enter the length of the side of the cube: 8
The Volume of the cube is:512.0

C:\Users\ANTHONY\Desktop\ESPE\P00\Project>|

CubeVolume X HelloWorld + - □ X

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import java.util.Scanner;

public class CubeVolumeCalculator{
 public static void main(String args[]){

 System.out.println("Name: Anthony Morales");
 System.out.println("CRN: 9642");
 System.out.println("Object Oriented Programming");
 System.out.println("Instructor: Edison Lascano");

 double sideLength = enterSideLength();
 double volume = calculateCubeVolume(sideLength);

 System.out.println("The Volume of the cube is:" +volume);

 }

 public static double enterSideLength(){
 Scanner scanner = new Scanner(System.in);
 double sideLength;
 do{
 System.out.print("Enter the length of the side of the cube: ");
 sideLength = scanner.nextDouble();
 validatePositive(sideLength);
 }while(sideLength <= 0);
 return sideLength;
 }

 public static void validatePositive(double number){
 if(number <= 0){
 System.out.println("Warning! The length of the cube cannot be equal to or less than
0.");
 }
 }

 public static double calculateCubeVolume(double sideLength){
 double volume = Math.pow(sideLength, 3);
 return volume;
 }
}

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