

```
cbolat@DESKTOP-2J752DH:/mnt/c/Users/pc/Desktop/lab2$ make
```

```
-----  
Removing compiled files...
```

```
-----  
Compiling...
```

```
-----  
Running the program....
```

```
=====
```

```
./lab02
```

```
Write a C program that calculates the surface area and volume of a user-defined geometric shape.
```

```
Enter the edge length for cube: 7
```

```
Surface Area = 294.00, Volume = 343.00
```

```
=====
```

```
Enter side length for rectangular prism: 5
```

```
Enter side width: 6
```

```
Enter side height: 43
```

```
Surface Area = 1006.00, Volume = 1290.00
```

```
=====
```

```
Enter the radius for sphere: 4
```

```
Surface Area = 200.96, Volume = 267.95
```

```
=====
```

```
Enter the radius for cone: 9
```

```
Enter the height: 4
```

```
Surface Area = 532.67, Volume = 339.12
```

```
Write a body mass index (BMI) calculator program.
```

```
Enter your weight(kg): 85
```

```
Enter your height(m): 1.78
```

```
You are overweight <<< BMI : 26.8 >>>
```

```
=====
```

```
[SUCCESS] Completed tests....
```

Removing compiled files...

Compiling...

Running the program....

=====

```
./lab02
```

Write a C program that calculates the surface area and volume of a user-defined geometric shape.

Enter the edge length for cube: 5

Surface Area = 150.00, Volume = 125.00

=====

Enter side length for rectangular prism: 10

Enter side width: 6

Enter side height: 3

Surface Area = 216.00, Volume = 180.00

=====

Enter the radius for sphere: 6

Surface Area = 452.16, Volume = 904.32

=====

Enter the radius for cone: 8

Enter the height: 3

Surface Area = 415.59, Volume = 200.96

Write a body mass index (BMI) calculator program.

Enter your weight(kg): 70

Enter your height(m): 1.75

You are average weight <<< BMI : 22.9 >>>

=====

[SUCCESS] Completed tests....

Removing compiled files...

Compiling...

Running the program....

./lab02

Write a C program that calculates the surface area and volume of a user-defined geometric shape.

Enter the edge length for cube: 7

Surface Area = 294.00, Volume = 343.00

Enter side length for rectangular prism: 8

Enter side width: 2

Enter side height: 3

Surface Area = 92.00, Volume = 48.00

Enter the radius for sphere: -2

Invalid Input ! << a length cannot be negative >>

Enter the radius for sphere: 4

Surface Area = 200.96, Volume = 267.95

Enter the radius for cone: 5

Enter the height: 1

Surface Area = 158.55, Volume = 26.17

Write a body mass index (BMI) calculator program.

Enter your weight(kg): 90

Enter your height(m): 1.5

You are obese <<< BMI : 40.0 >>>

[SUCCESS] Completed tests....

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```
Write a C program that calculates the surface area and volume of a user-defined geometric shape.
```

```
Enter the edge length for cube: 7
```

```
Surface Area = 294.00, Volume = 343.00
```

```
=====
```

```
Enter side length for rectangular prism: 5
```

```
Enter side width: 3
```

```
Enter side height: 1
```

```
Surface Area = 46.00, Volume = 15.00
```

```
=====
```

```
Enter the radius for sphere: 3
```

```
Surface Area = 113.04, Volume = 113.04
```

```
=====
```

```
Enter the radius for cone: 5
```

```
Enter the height: 3
```

```
Surface Area = 170.05, Volume = 78.50
```

```
Write a body mass index (BMI) calculator program.
```

```
Enter your weight(kg): 54
```

```
Enter your height(m): 1.51
```

```
You are average weight <<< BMI : 23.7 >>>
```

```
=====
```

```
[SUCCESS] Completed tests....
```

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```
Write a C program that calculates the surface area and volume of a user-defined geometric shape.
```

```
Enter the edge length for cube: 5
```

```
Surface Area = 150.00, Volume = 125.00
```

```
=====
```

```
Enter side length for rectangular prism: 4
```

```
Enter side width: 2
```

```
Enter side height: 3
```

```
Surface Area = 52.00, Volume = 24.00
```

```
=====
```

```
Enter the radius for sphere: 7
```

```
Surface Area = 615.44, Volume = 1436.03
```

```
=====
```

```
Enter the radius for cone: 6
```

```
Enter the height: 5
```

```
Surface Area = 260.19, Volume = 188.40
```

```
Write a body mass index (BMI) calculator program.
```

```
Enter your weight(kg): 55
```

```
Enter your height(m): 1.65
```

```
You are average weight <<< BMI : 20.2 >>>
```

```
=====
```

```
[SUCCESS] Completed tests....
```