

## LAB TASK-2

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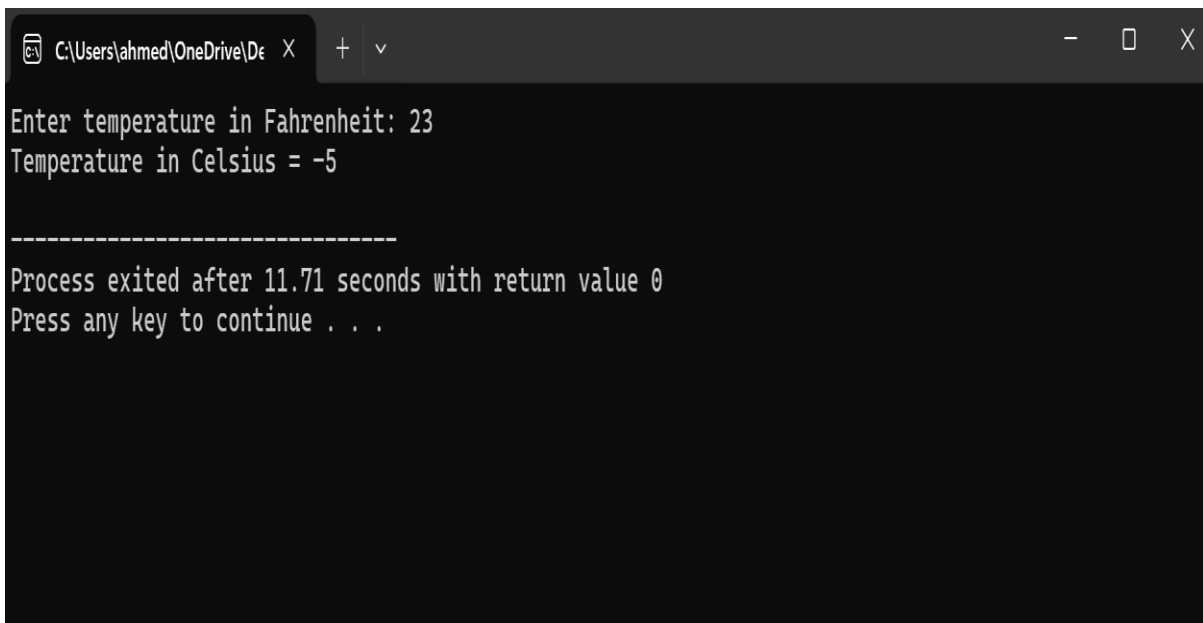
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**Q.No#05:**

**Code:**

```
#include <iostream>
using namespace std;
int main()
{
    float fahrenheit, celsius;
    cout << "Enter temperature in Fahrenheit: ";
    cin >> fahrenheit;
    celsius = (5.0 / 9.0) * (fahrenheit - 32);
    cout << "Temperature in Celsius = " << celsius << endl;
    return 0;
}
```

**Output:**



```
C:\Users\ahmed\OneDrive\De X
Enter temperature in Fahrenheit: 23
Temperature in Celsius = -5

-----
Process exited after 11.71 seconds with return value 0
Press any key to continue . . .
```

**Q.No#06:**

**Code:**

```
#include <iostream>

using namespace std;

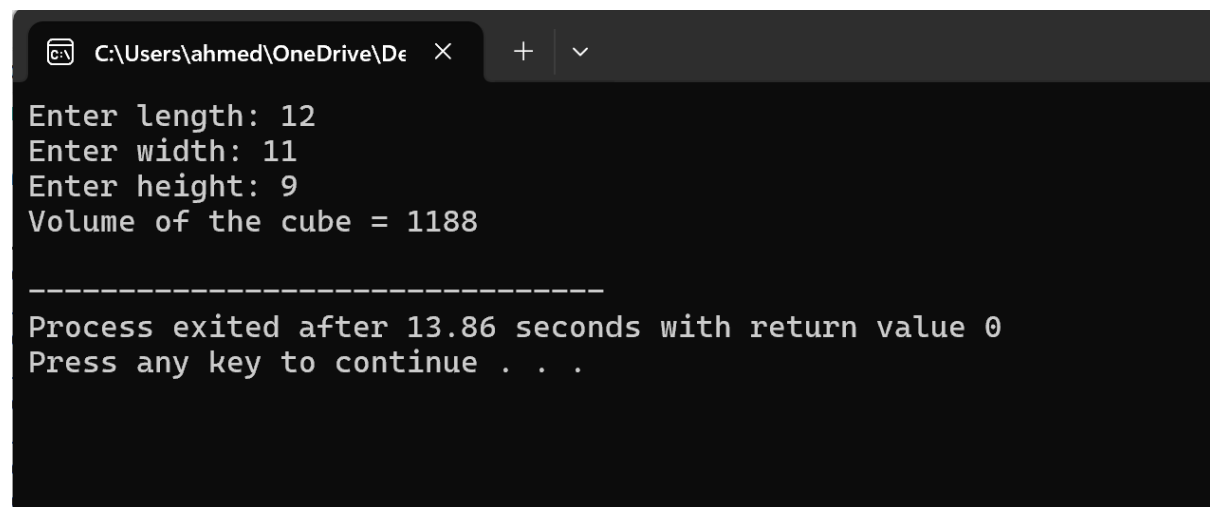
int main()

{

float length, width, height, volume;
cout << "Enter length: ";
cin >> length;
cout << "Enter width: ";
cin >> width;
cout << "Enter height: ";
cin >> height;
volume = length * width * height;
cout << "Volume of the cube = " << volume << endl;
return 0;

}
```

**OUTPUT:**



```
C:\Users\ahmed\OneDrive\Desktop X + v

Enter length: 12
Enter width: 11
Enter height: 9
Volume of the cube = 1188

-----
Process exited after 13.86 seconds with return value 0
Press any key to continue . . .
```

**Q.No#07:**

**Code:**

```
#include <iostream>

using namespace std;

int main()
{
    float sub1, sub2, sub3, sub4, sub5, total, percentage;

    cout << "Enter marks of 5 subjects: ";

    cin >> sub1 >> sub2 >> sub3 >> sub4 >> sub5;

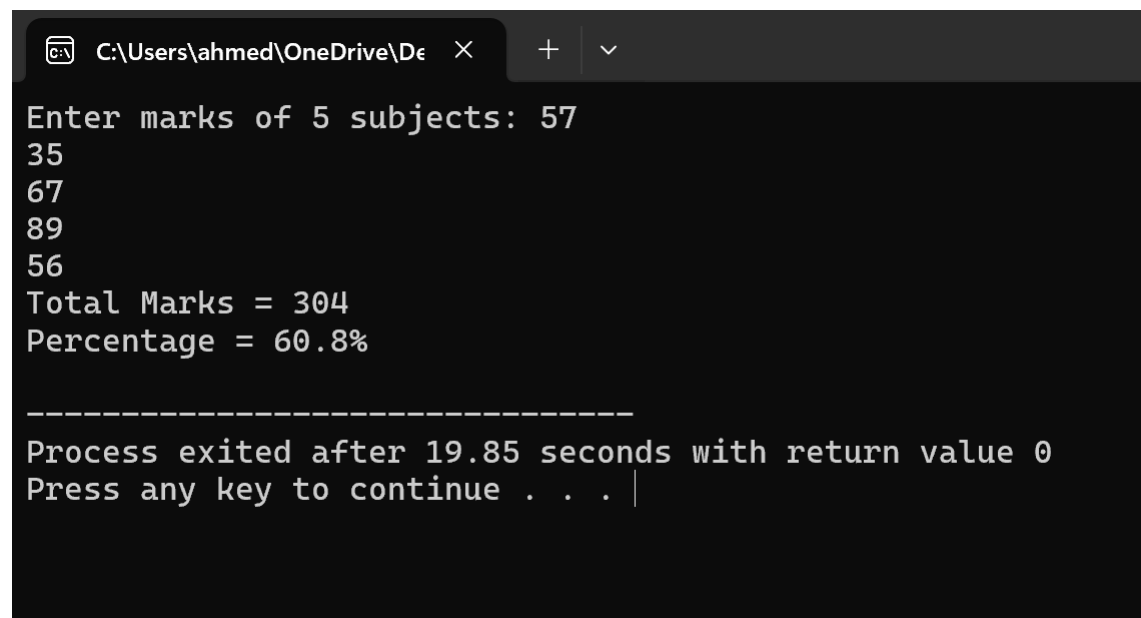
    total = sub1 + sub2 + sub3 + sub4 + sub5;

    percentage = (total / 500) * 100; // assuming each subject is out of 100

    cout << "Total Marks = " << total << endl;

    cout << "Percentage = " << percentage << "%" << endl;

    return 0;
}
```

**OUTPUT:**

```
C:\Users\ahmed\OneDrive\De  X  +  v

Enter marks of 5 subjects: 57
35
67
89
56
Total Marks = 304
Percentage = 60.8%

-----
Process exited after 19.85 seconds with return value 0
Press any key to continue . . . |
```

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