

***Department of Artificial Intelligence and Multimedia Gaming
Fundamentals***

of Programming (Fall-2025)

LAB No. 03

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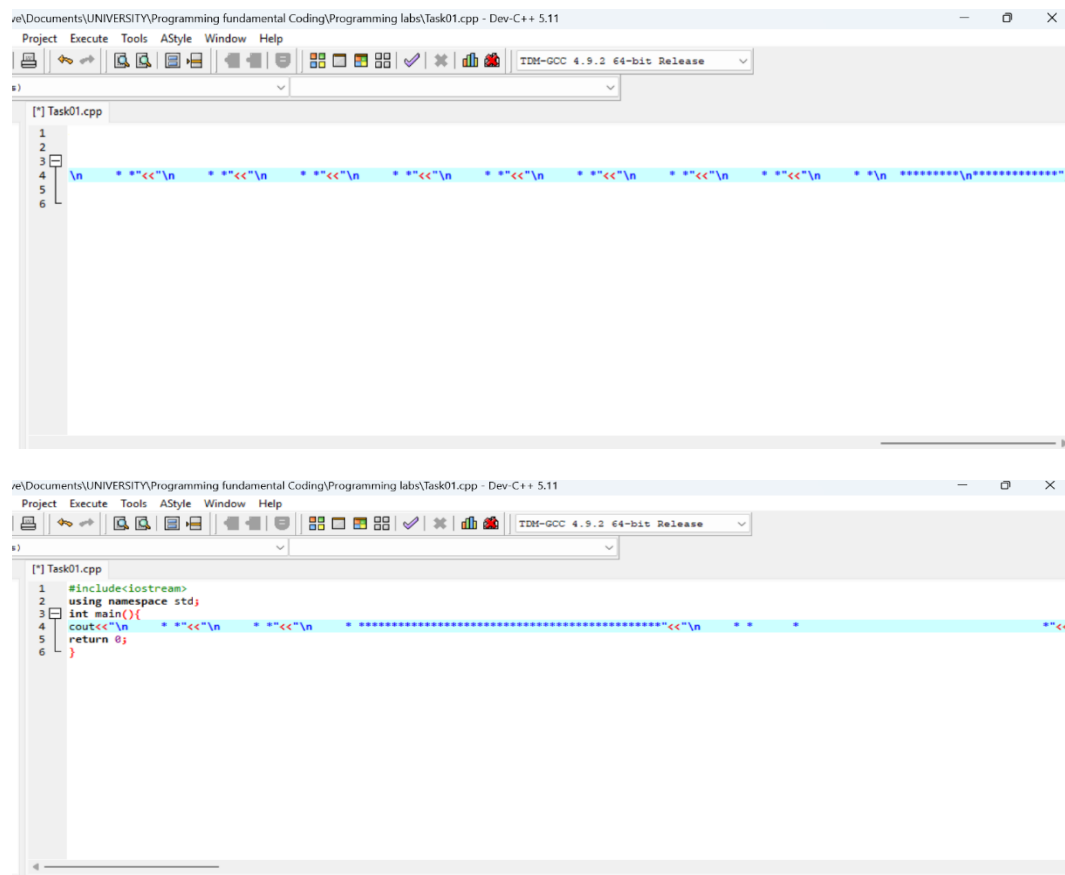
Section: D

Sap Id: 5000001141

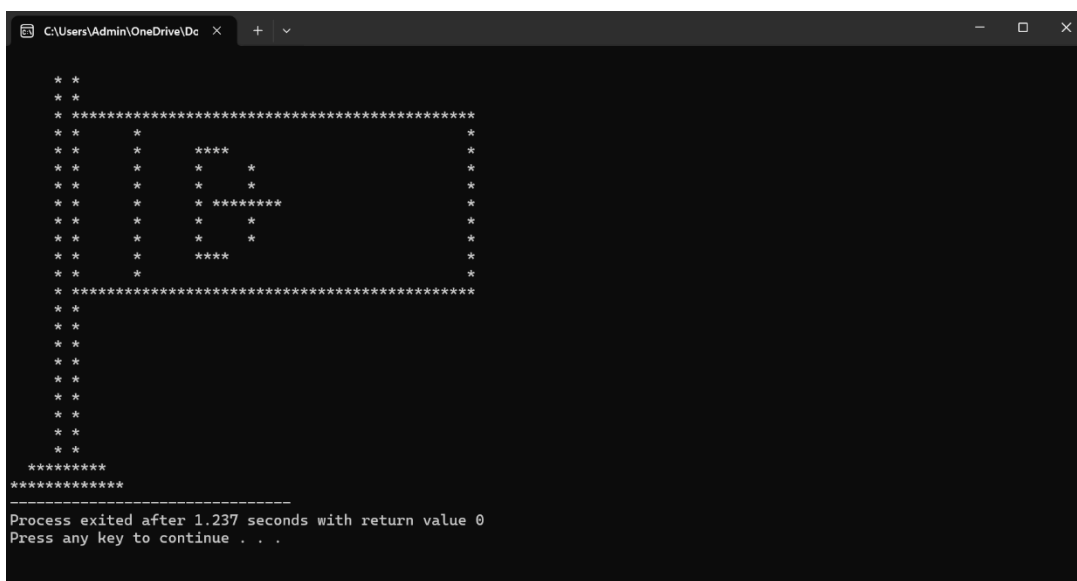
LAB No. 03

Print out the following output by using appropriate escape sequences in your Program:

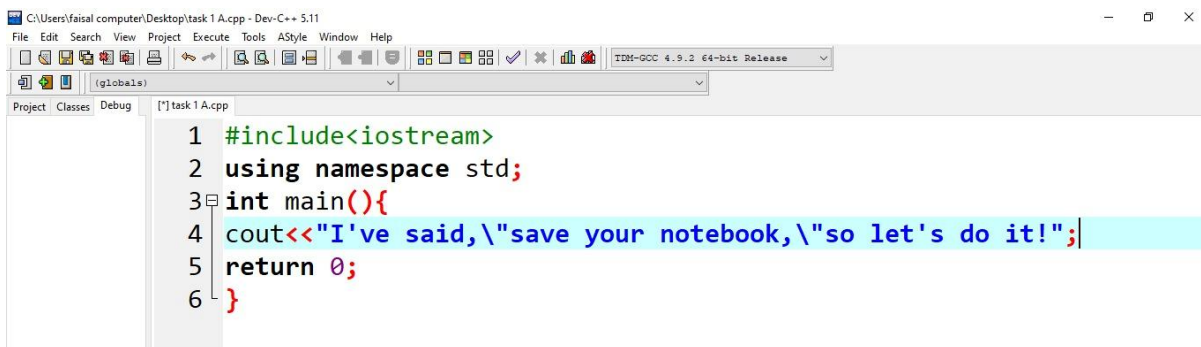
Code:



Output:

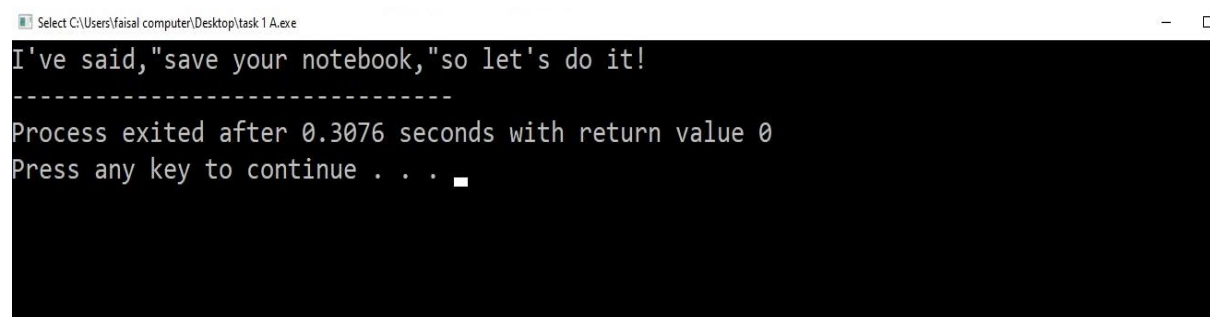


Task: 1 B



```
1 #include<iostream>
2 using namespace std;
3 int main(){
4     cout<<"I've said,\"save your notebook,\"so let's do it!";
5     return 0;
6 }
```

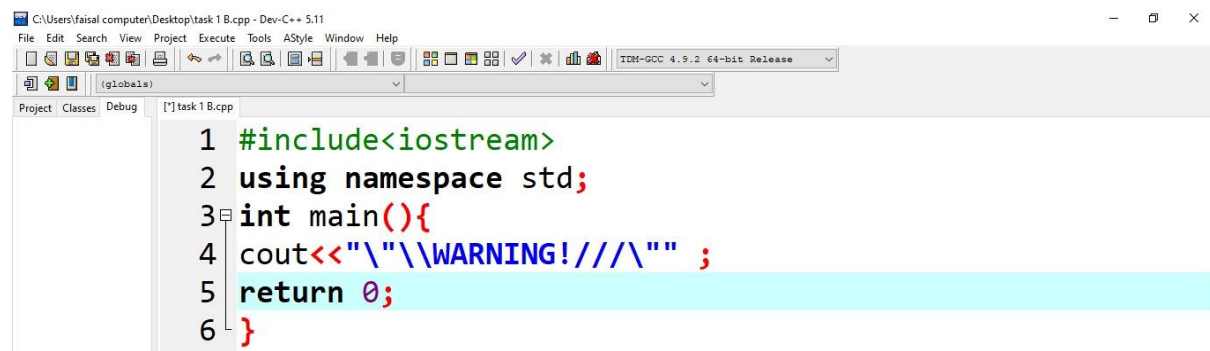
Output:



```
I've said,"save your notebook,"so let's do it!
-----
Process exited after 0.3076 seconds with return value 0
Press any key to continue . . .
```

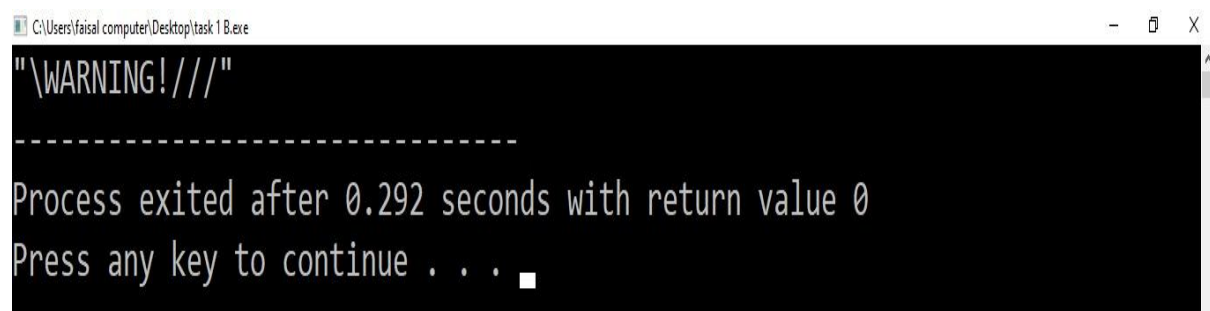
Task 1 C:

Code:



```
1 #include<iostream>
2 using namespace std;
3 int main(){
4     cout<<"\"\\WARNING!///\\" ;
5     return 0;
6 }
```

Output:

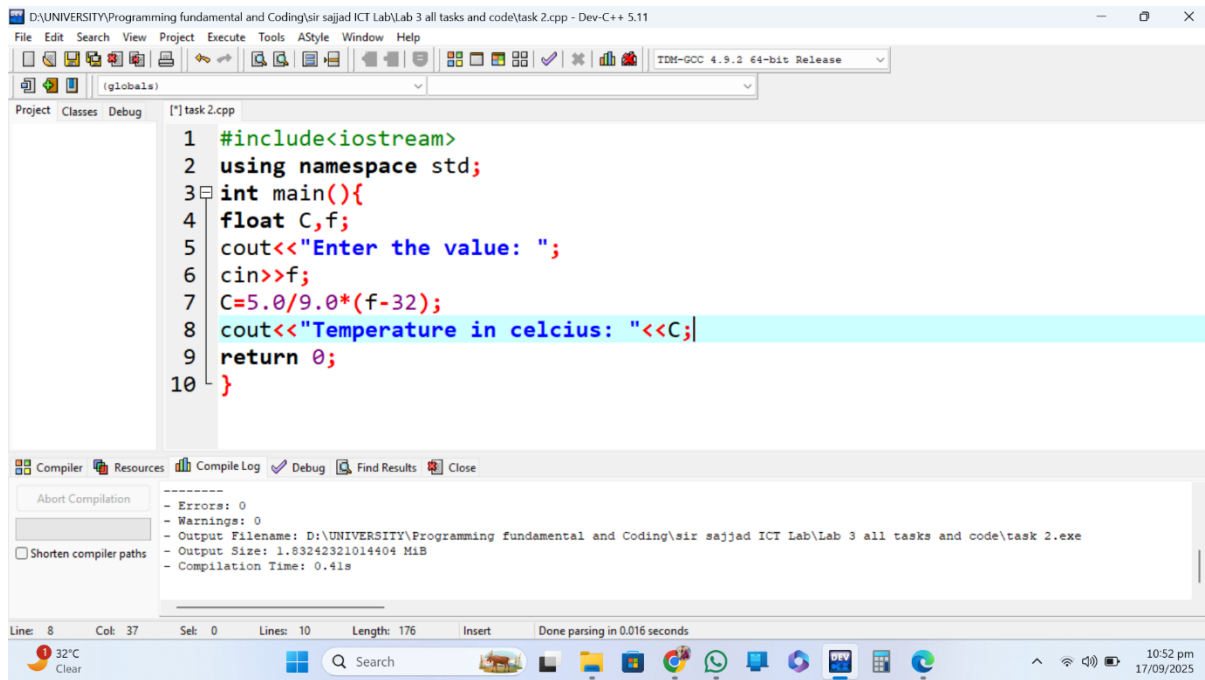


```
"\\WARNING!///"
-----
Process exited after 0.292 seconds with return value 0
Press any key to continue . . .
```

Task 02

Write a C++ program to convert temperature from Fahrenheit to Celsius degrees.

Code:



The screenshot shows a C++ IDE window titled "D:\UNIVERSITY\Programming fundamental and Coding\sir sajjad ICT Lab\Lab 3 all tasks and code\task 2.cpp - Dev-C++ 5.11". The code in the editor is as follows:

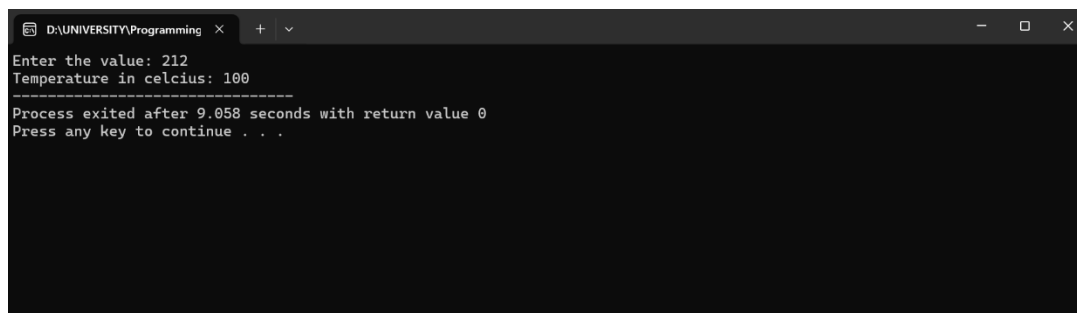
```
1 #include<iostream>
2 using namespace std;
3 int main(){
4     float C,f;
5     cout<<"Enter the value: ";
6     cin>>f;
7     C=5.0/9.0*(f-32);
8     cout<<"Temperature in celcius: "<<C;
9     return 0;
10 }
```

Below the code editor, the "Compiler" window shows the following output:

```
- Errors: 0
- Warnings: 0
- Output Filename: D:\UNIVERSITY\Programming fundamental and Coding\sir sajjad ICT Lab\Lab 3 all tasks and code\task 2.exe
- Output Size: 1.63242321014404 MiB
- Compilation Time: 0.41s
```

The status bar at the bottom indicates "Line: 8 Col: 37 Sel: 0 Lines: 10 Length: 176 Insert Done parsing in 0.016 seconds". The system tray shows the date and time as "10:52 pm 17/09/2025".

Output:



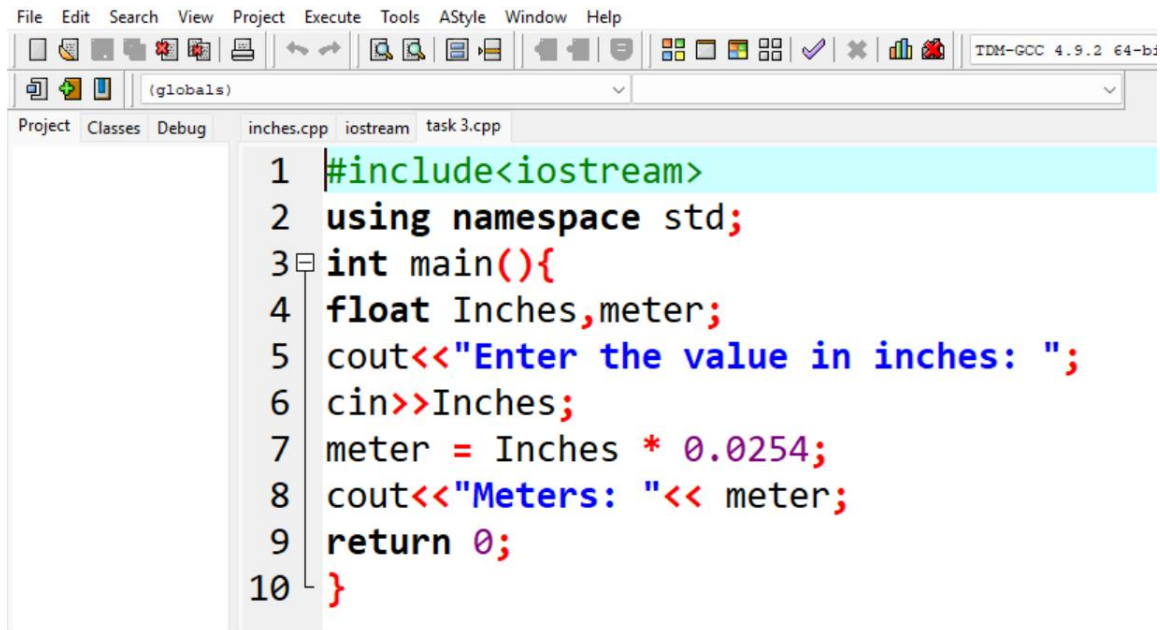
The screenshot shows a terminal window titled "D:\UNIVERSITY\Programming". The output of the program is as follows:

```
Enter the value: 212
Temperature in celcius: 100
-----
Process exited after 9.058 seconds with return value 0
Press any key to continue . . .
```

Task 03:

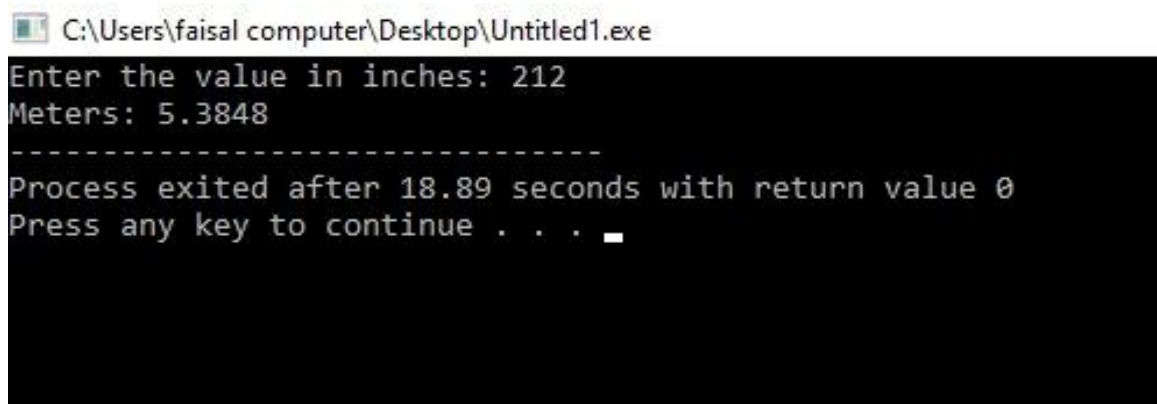
Write a C++ program that takes a number in inches and converts it into meters.

Code:



```
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
Project Classes Debug inches.cpp iostream task 3.cpp
1 #include<iostream>
2 using namespace std;
3 int main(){
4 float Inches,meter;
5 cout<<"Enter the value in inches: ";
6 cin>>Inches;
7 meter = Inches * 0.0254;
8 cout<<"Meters: "<< meter;
9 return 0;
10 }
```

Output:



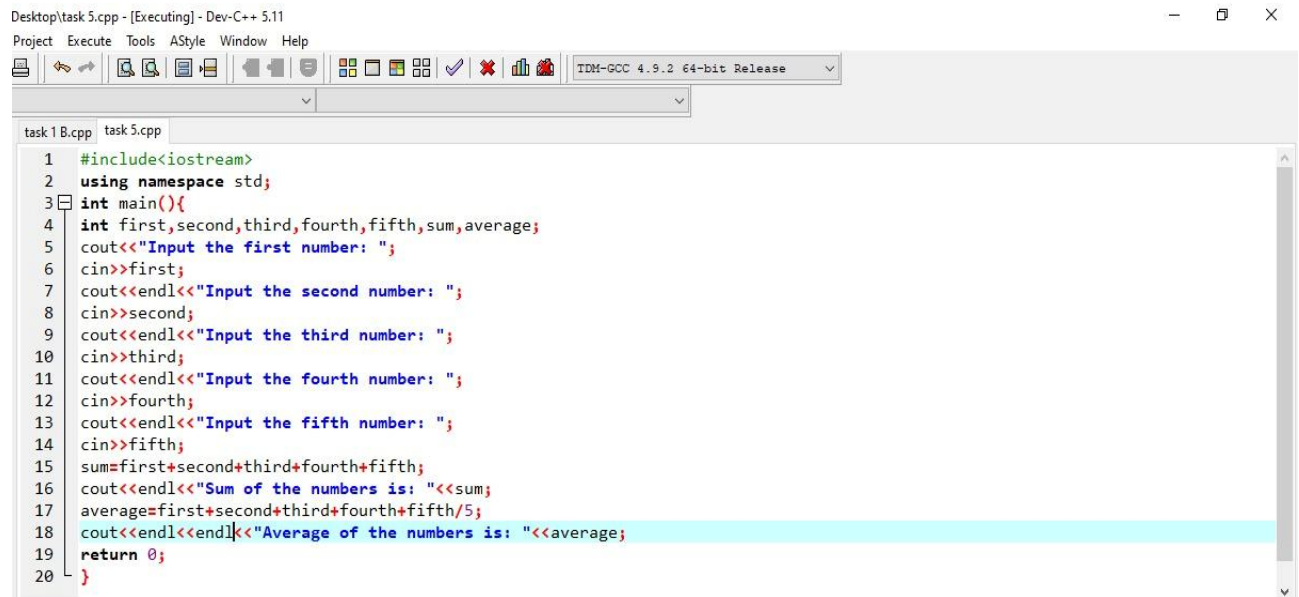
```
C:\Users\faisal computer\Desktop\Untitled1.exe
Enter the value in inches: 212
Meters: 5.3848
-----
Process exited after 18.89 seconds with return value 0
Press any key to continue . . .
```

Task 04

Write a program in C++ to compute quotient and remainder.

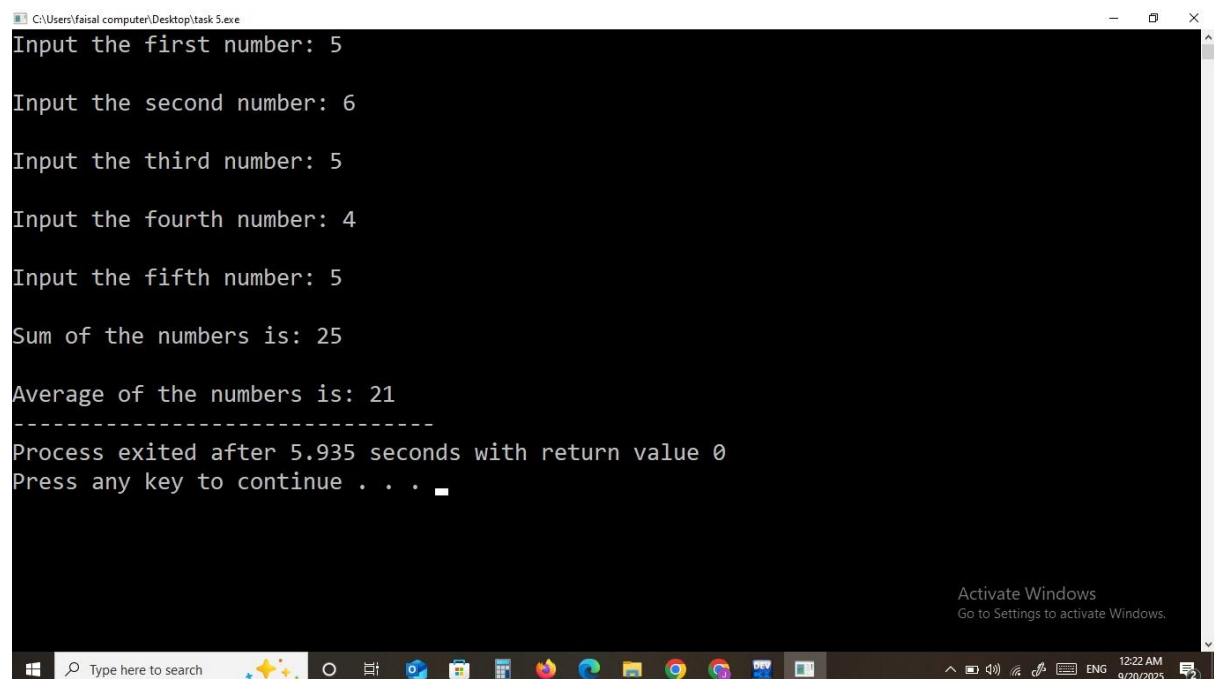
Sample Output:

Code:



```
Desktop\task 5.cpp - [Executing] - Dev-C++ 5.11
Project Execute Tools AStyle Window Help
task 1 B.cpp task 5.cpp
1 #include<iostream>
2 using namespace std;
3 int main(){
4     int first,second,third,fourth,fifth,sum,average;
5     cout<<"Input the first number: ";
6     cin>>first;
7     cout<<endl<<"Input the second number: ";
8     cin>>second;
9     cout<<endl<<"Input the third number: ";
10    cin>>third;
11    cout<<endl<<"Input the fourth number: ";
12    cin>>fourth;
13    cout<<endl<<"Input the fifth number: ";
14    cin>>fifth;
15    sum=first+second+third+fourth+fifth;
16    cout<<endl<<"Sum of the numbers is: "<<sum;
17    average=first+second+third+fourth+fifth/5;
18    cout<<endl<<endl<<"Average of the numbers is: "<<average;
19    return 0;
20 }
```

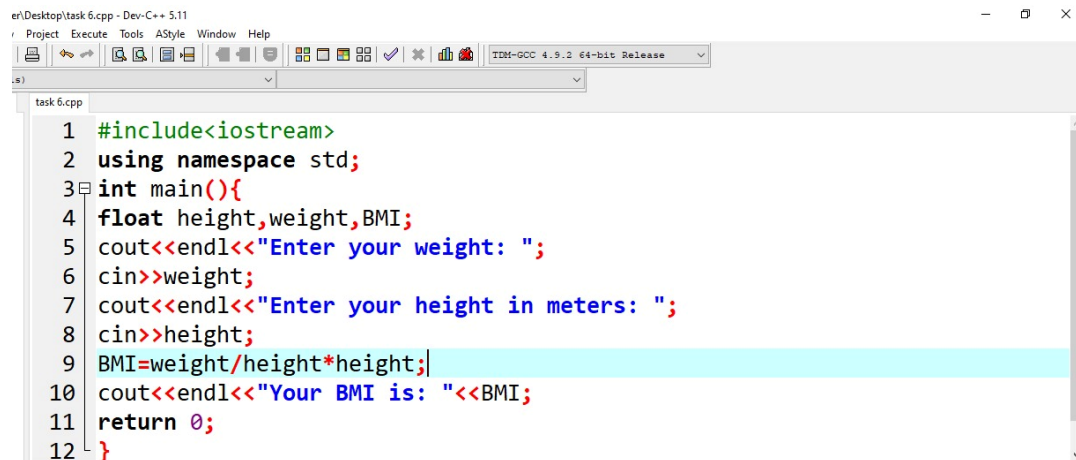
Output:



```
C:\Users\faizal computer\Desktop\task 5.exe
Input the first number: 5
Input the second number: 6
Input the third number: 5
Input the fourth number: 4
Input the fifth number: 5
Sum of the numbers is: 25
Average of the numbers is: 21
-----
Process exited after 5.935 seconds with return value 0
Press any key to continue . . .
```

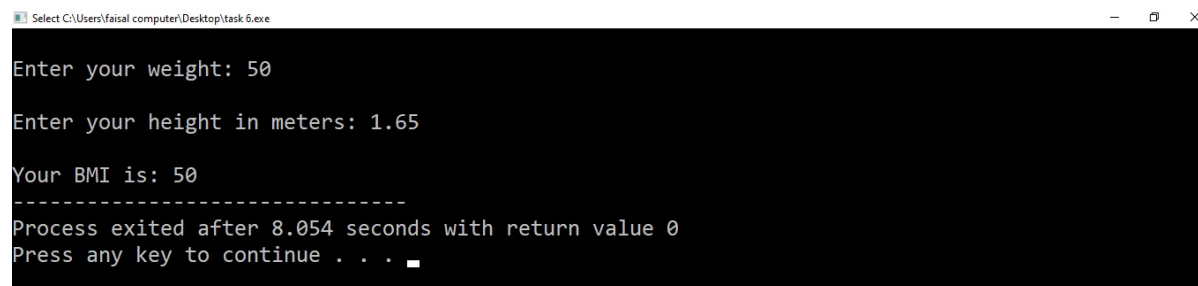
Task 6:

Code:



```
1 #include<iostream>
2 using namespace std;
3 int main(){
4     float height,weight,BMI;
5     cout<<endl<<"Enter your weight: ";
6     cin>>weight;
7     cout<<endl<<"Enter your height in meters: ";
8     cin>>height;
9     BMI=weight/height*height;
10    cout<<endl<<"Your BMI is: "<<BMI;
11    return 0;
12 }
```

Output:



```
Enter your weight: 50

Enter your height in meters: 1.65

Your BMI is: 50
-----
Process exited after 8.054 seconds with return value 0
Press any key to continue . . .
```