CAB#3 178 4/oct TASK 1 k 1 white a program to Calculate, the area Tailing the length and width as input (use double or Hoat data type). #indude vioibream> int main 1) & double length, width, area, perimater.
Cout 22 "Enter the longth of the rectangle." Cin >> clengths Cout & "Enler the width Parimeter = 2 x ( Jongth + width Cout &" Dorimotor of the rectangle: "camea wondl;

Cout &" Dorimotor of the rectangle: "capament

```
#include <iostream>
using namespace std;
int main() {
    // Declare variables for length and width
    double length, width, area, perimeter;
    // Input Length and width from the user
    cout << "Enter the length of the rectangle: ";</pre>
    cin >> length:
    cout << "Enter the width of the rectangle: ";</pre>
    cin >> width:
    // Calculate area and perimeter
    area = length * width;
    perimeter = 2 * (length + width);
    // Display the results
    cout << "Area of the rectangle: " << area << endl;</pre>
    cout << "Perimeter of the rectangle: " << perimeter << endl;</pre>
    return 0;
```

5

6

8

.6

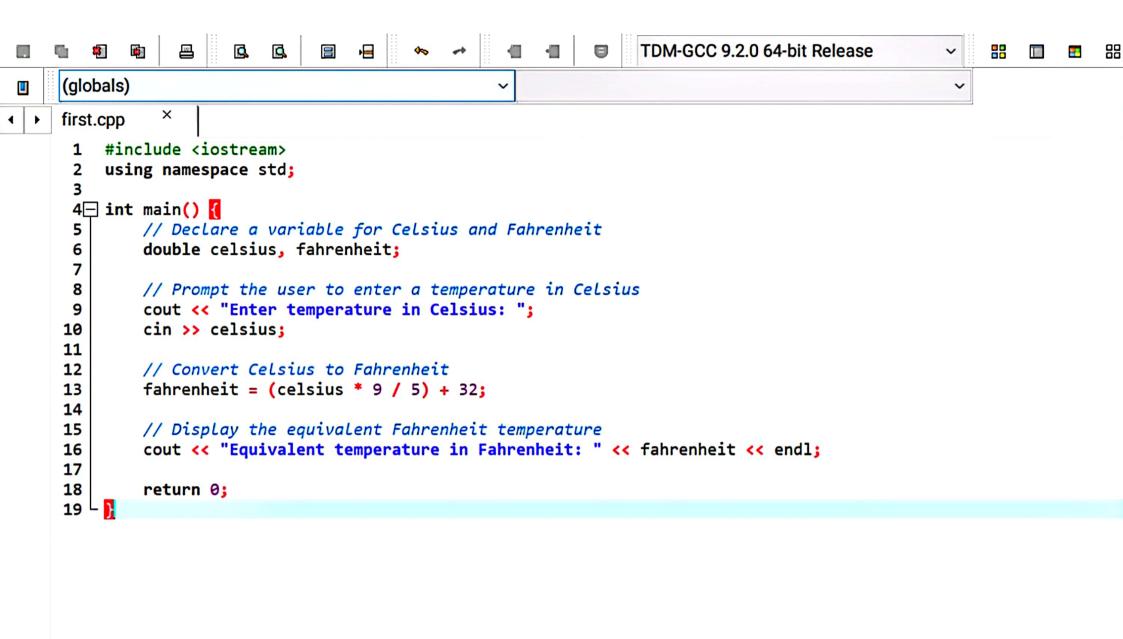
C:\Users\User\Documents\first.exe Enter the length of the rectangle: 7 Enter the width of the rectangle: 4 Area of the rectangle: 28 Perimeter of the rectangle: 22 Process exited after 10.9 seconds with return value 0 Press any key to continue . . .

TASK#02
White a program that Converk a demperature
From Celsios to Pahrenheit.

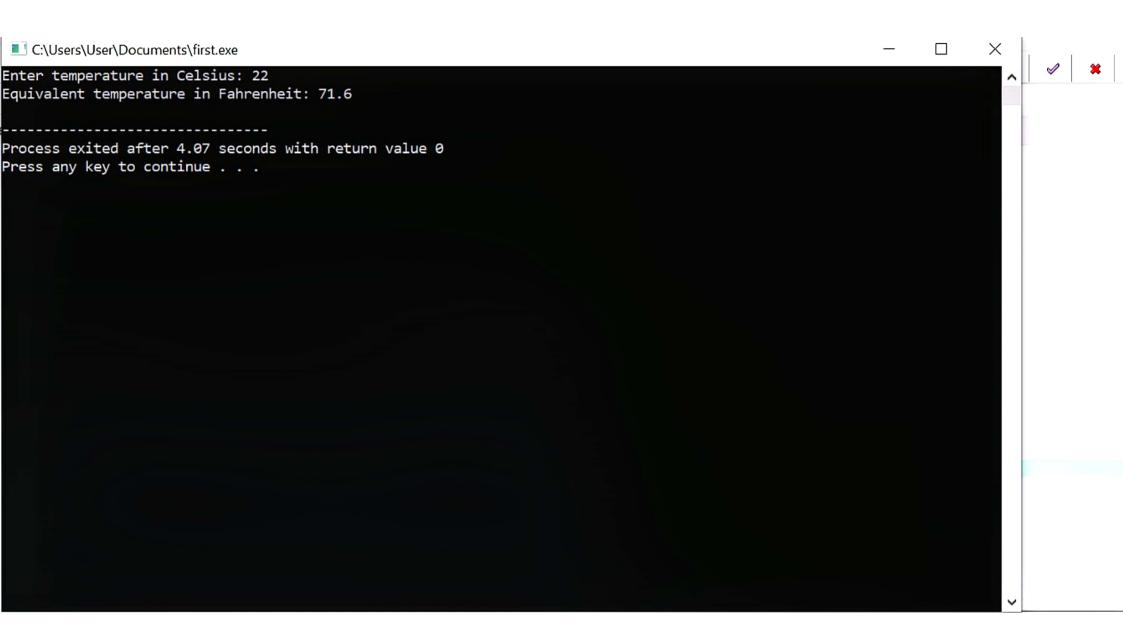
Fahrenhout = (Celsios \*9/5) + 32

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```
(globals)
                                                 V
           ×
first.cpp
 1 #include <iostream>
     using namespace std;
 4⊟ int main() {
         // Declare a variable for age
         int age;
 7
         // Prompt the user to enter their age
         cout << "Enter your age: ";</pre>
10
         cin >> age;
11
12
         // Check if the user is a minor or an adult
13
         if (age < 18) {
14
             cout << "You are a minor." << endl;</pre>
15
         } else {
16
             cout << "You are an adult." << endl;</pre>
17
18
19
         return 0;
20 L
```

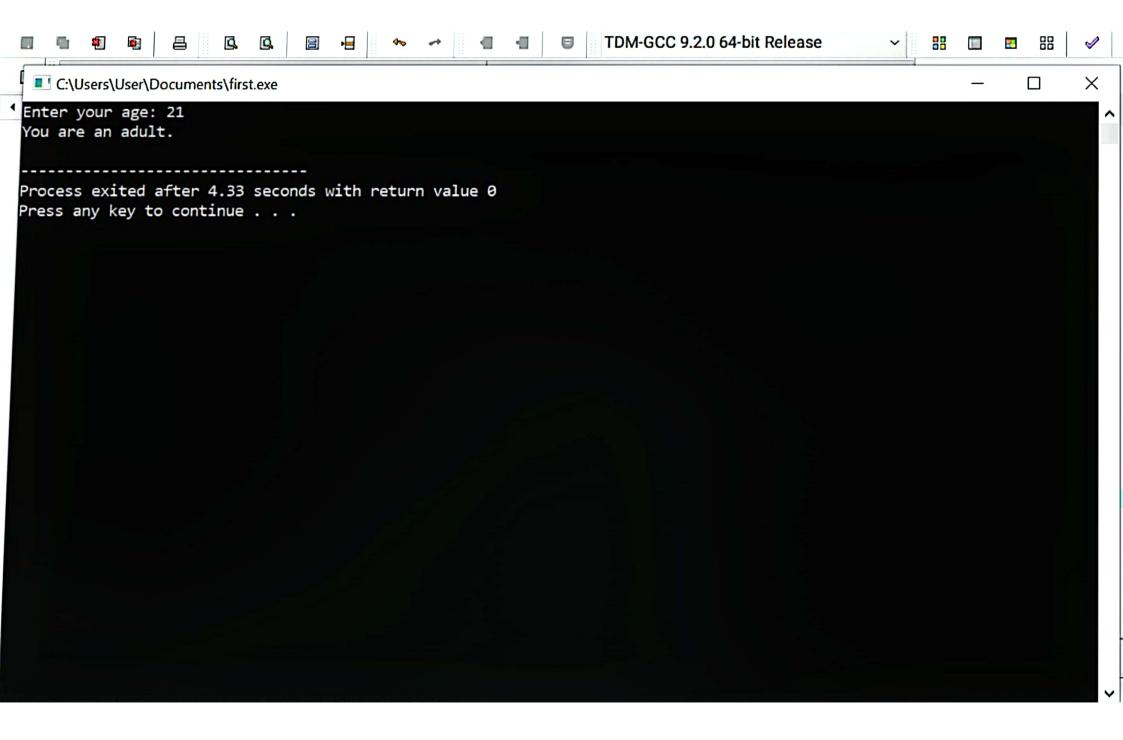
☐ Resources Compile Log Debug Find Results Console Close

- Output Filename: C:\Users\User\Documents\first.exe

- Output Size: 2.98873424530029 MiB

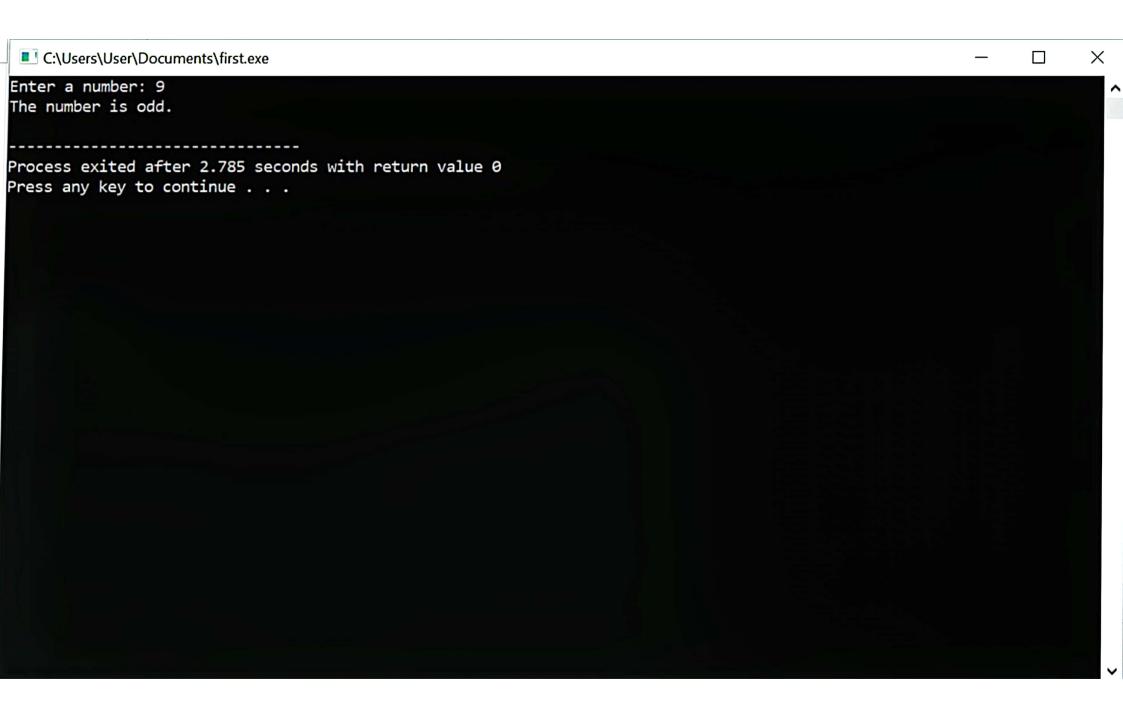
ation

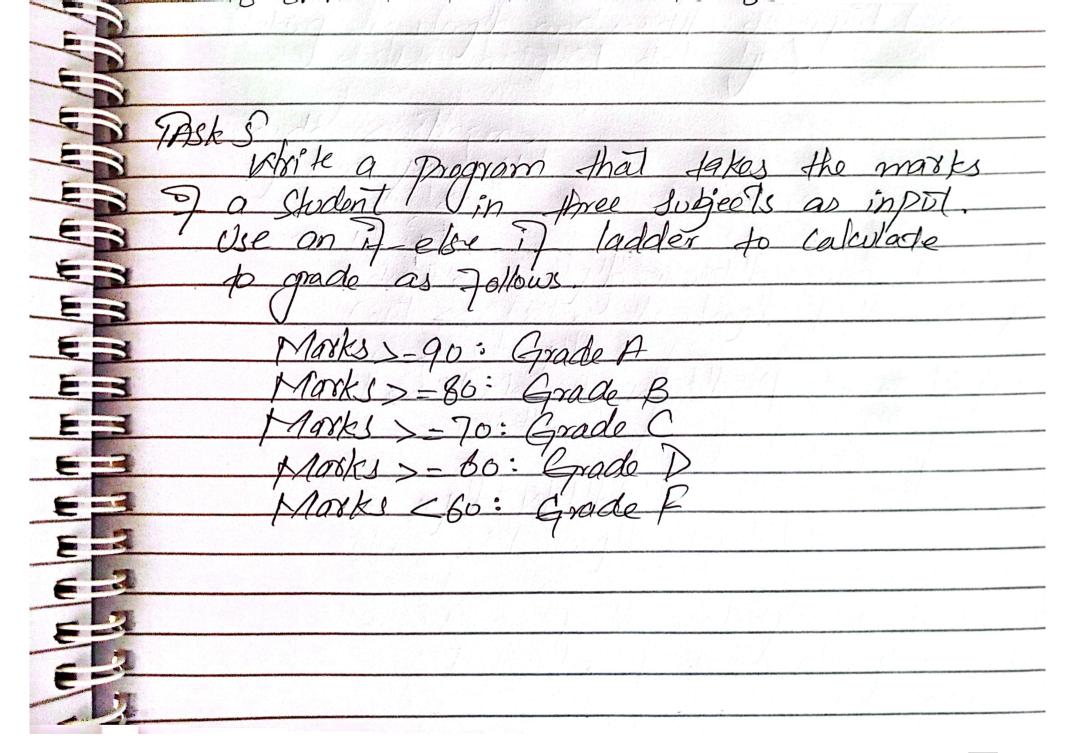




White a program to check whether a number of tered by the user is even or odd. Use an else statement to display either "The number is even or "The number of the odd".

```
(globals)
                                                 V
           X
first.cpp
     #include <iostream>
     using namespace std;
    int main() {
 5
         // Declare a variable for the number
 6
         int number;
 8
         // Prompt the user to enter a number
         cout << "Enter a number: ";</pre>
10
         cin >> number;
11
12
         // Check if the number is even or odd
13⊡
         if (number % 2 == 0) {
             cout << "The number is even." << endl;</pre>
14
15
         } else {
             cout << "The number is odd." << endl;</pre>
16
17
18
19
         return 0;
20 L
```





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          (globals)
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                       ×
         [*] first.cpp
          10
                   cin >> marks1;
          11
          12
                   cout << "Enter marks for subject 2: ";</pre>
          13
                   cin >> marks2;
          14
          15
                   cout << "Enter marks for subject 3: ";</pre>
          16
                   cin >> marks3;
          17
          18
                   // Calculate the average marks
                   average = (marks1 + marks2 + marks3) / 3;
          19
          20
          21
                   // Determine the grade based on the average
                   if (average >= 90) {
          22 -
                       cout << "Grade: A" << endl;</pre>
          23
                   } else if (average >= 80) {
          24
          25
                       cout << "Grade: B" << endl;</pre>
          26
                   } else if (average >= 70) {
                       cout << "Grade: C" << endl;</pre>
          27
          28
                   } else if (average >= 60) {
          29
                       cout << "Grade: D" << endl;</pre>
          30
                   } else {
          31
                       cout << "Grade: F" << endl;</pre>
          32
          33
          34
                   return 0;
         35 L
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                - Output Filename: C:\Users\User\Documents\first.exe
ort Compilation
                - Output Size: 2.98873424530029 MiB
                - Compilation Time: 1.08s
```