

The image shows a C++ IDE with a file explorer at the top displaying several files: 'Untitled1 [\*]task 1.cpp', 'iostream', 'Untitled2', 'area of circle.exe', 'Untitled3', 'lab task 1.cpp', 'Untitled5', 'task 2.cpp', and 'lab t'. The main editor window contains the following C++ code:

```
#include<iostream>
using namespace std;
int main()
{ int c,f;
  cout<<"Enter the temperature in celsius";
  cin>>c;
  f=(c*9/5)+32;
  cout<<"Temperature after converting from celsius to fahrenheit is: "<<f;
  return 0;
}
```

Below the code editor, the 'Compiler' tab is active, showing 'Compilation results...'. It reports 'Errors: 0' and 'Warnings: 0'. The output file path is listed as 'C:\Users\hp\Documents\lab task 1.exe'.

The image shows a Windows command prompt window with the title bar 'C:\Users\hp\Documents\Task'. The output of the program is displayed as follows:

```
Enter the temperature in celsius 3.3333333333 5.5555555555
Temperature after converting from celsius to fahrenheit is: 37
-----
Process exited after 8.607 seconds with return value 0
Press any key to continue . . .
```

Task 2



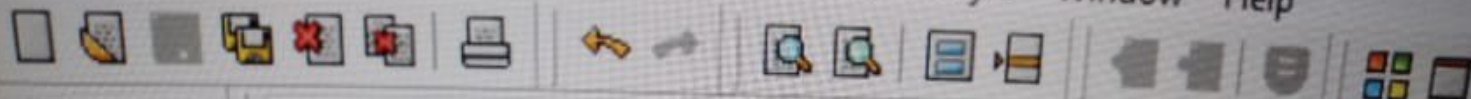
C:\Users\hp\Documents\task X

enter the age 33  
You are an adult

-----  
Process exited after 1.813 seconds with return value 0  
Press any key to continue . . . |

## Task 3

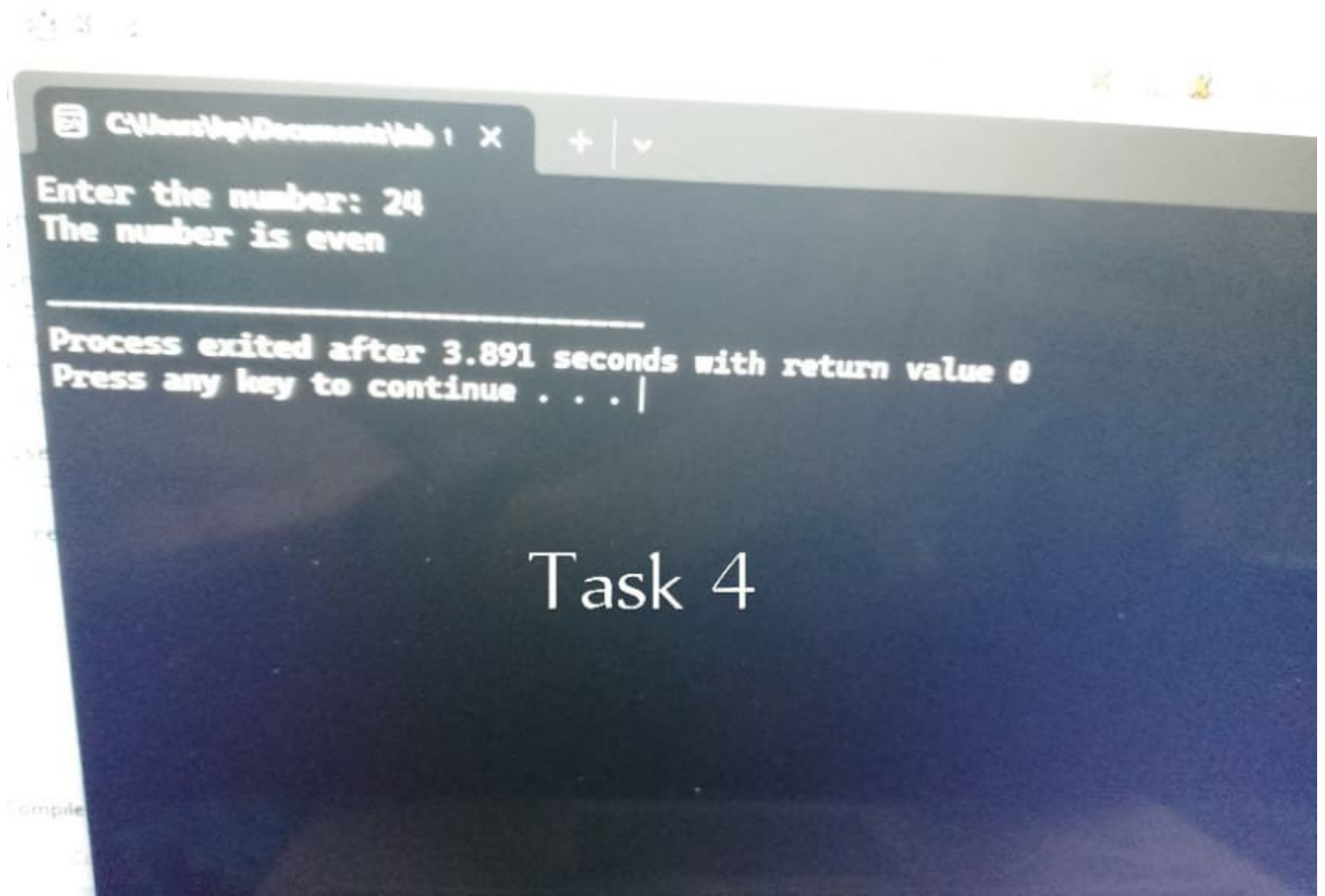
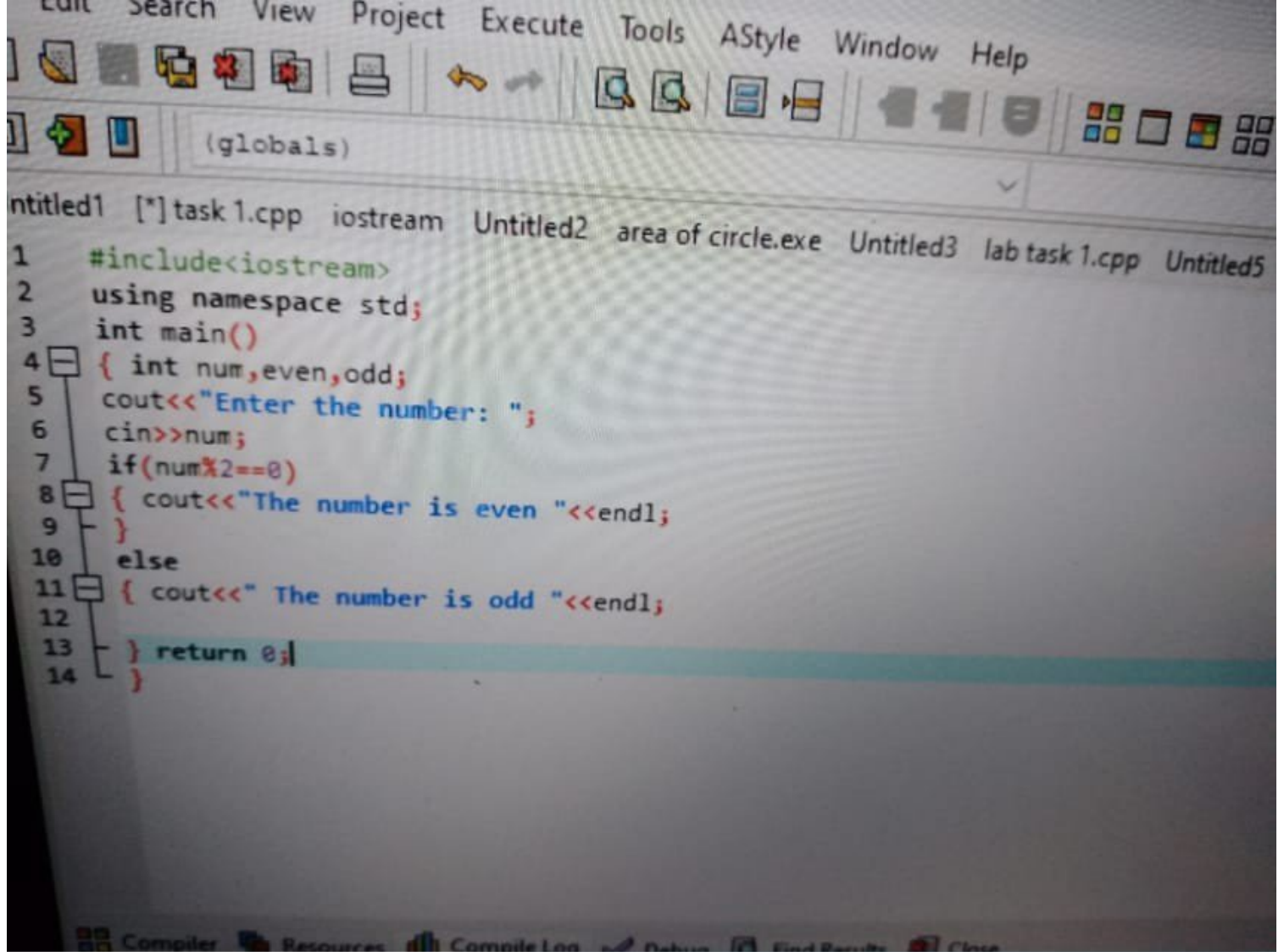
File Edit Search View Project Execute Tools AStyle Window Help



(globals)

[\*] Untitled7 [\*] Untitled8 [\*] Untitled9 task 5.cpp task 3.cpp

```
1  #include<iostream>
2  using namespace std;
3  int main()
4  { int age;
5    cout<<"enter the age";
6    cin>>age;
7    if(age<18)
8      cout<<"You are minor";
9    else
10     cout<<"You are an adult";
11     return 0;
12
13 }
```



Task 4



The screenshot shows a C++ IDE with a file named `task 1.cpp`. The code is as follows:

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 { int sub1,sub2,sub3;
5   float avg;
6   cout<<"enter 3 subj marks";
7   cin>>sub1>>sub2>>sub3;
8   avg=sub1+sub2+sub3/3.0;
9   if(avg>=90)
10  { cout<<"Grade A";
11  }
12  }
13  else if(avg>=80)
14  { cout<<"Grade B";
15  }
16  else if (avg>=70)
17  {cout<<"Grade C";
18  }
19  else if(avg>=60)
20  { cout<<"Grade D";
21  }
22  else{ cout<<"Grade F";
23  }
```

Below the code editor, the 'Compilation results...' window is open, showing the following output:

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\hp\Documents\task 5.exe
- Output Size: 1.83242321014404 MiB
- Compilation Time: 1.05s
```

