

Project Execute Tools AStyle Window Help

The screenshot shows a Dev-C++ IDE interface. The main window displays a C++ source code file named p 5.cpp. The code prompts the user to enter their name, CNIC, semester, and grade, then prints them back. The code is as follows:

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     string name;
6     int cnic, semester;
7     char grade;
8     cout<<"enter your name"<<endl;
9     cin>>name;
10    cout<<"enter your cnic"<<endl;
11    cin>>cnic;
12    cout<<"enter your semester"<<endl;
13    cin>>semester;
14    cout<<"enter your grade"<<endl;
15    cin>>grade;
16    cout<<"your name is:"<<name<<endl;
17    cout<<"your cnic is:"<<cnic<<endl;
18    cout<<"your semester is:"<<semester<<endl;
19    cout<<"your grade is:"<<grade<<endl;
20
21
22    return 0;
23
24 }
```

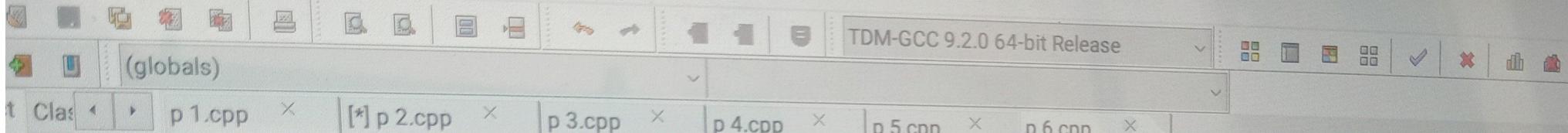
To the right of the code editor is a terminal window titled "C:\Users\WALEED TRADERS\Desktop\c++\p 5.exe". It shows the following interaction:

```
enter your name
mehreen
enter your cnic
54401
enter your semester
1
enter your grade
A
your name is:mehreen
your cnic is:54401
your semester is:1
your grade is:A
```

Below the terminal window, the status bar shows:

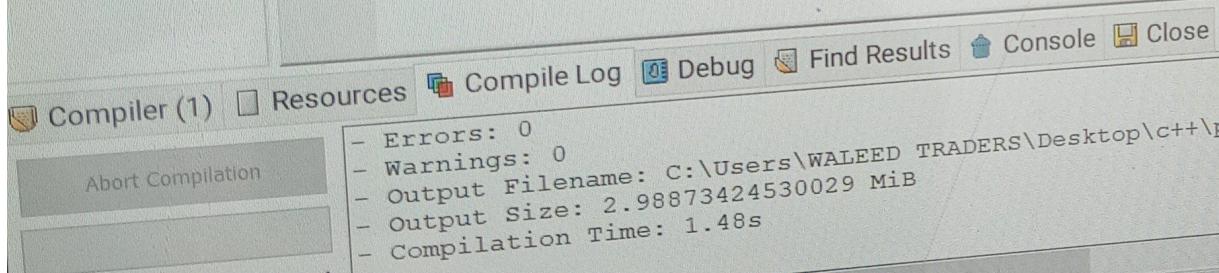
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\WALEED TRADERS\Desktop\c++\p 5.exe
- Output Size: 2.99529552459717 MiB
- Compilation Time: 1.48s

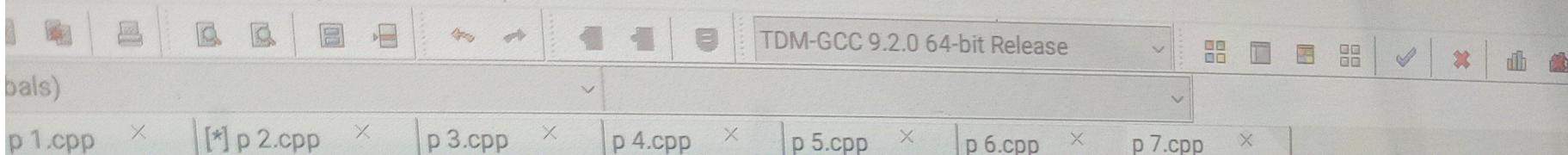
The bottom status bar also indicates "Done parsing in 0.031 seconds".



```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     float pi=3.14;
6     float area, radius, circumference;
7     cout<<"enter value of radius" << endl;
8     cin>>radius;
9     area=pi * radius * radius;
10    circumference=2 *pi *radius;
11    cout<<"area is" << area << endl;
12    cout<<"circumference is" << circumference << endl;
13
14
15    return 0;
16 }
17
```

```
C:\Users\WALEED TRADERS\Desktop\c++\p 6.exe
enter value of radius
25
area is1962.5
circumference is157
-----
Process exited after 11.51 seconds with return value 0
Press any key to continue . . .
```

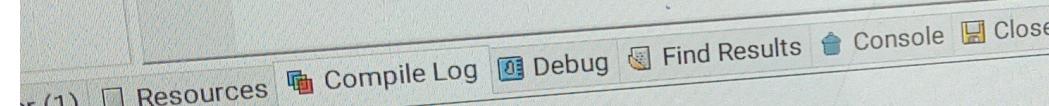




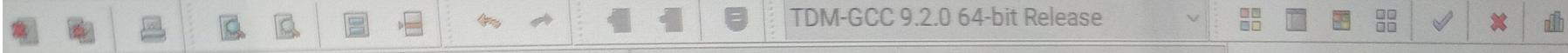
C:\Users\WALEED TRADERS\Desktop\c++\p 7.exe

```
enter meal price1000
the meal charge is :$1000
the tax amount is :$67.5
the tip amount is:&160.125
the total bill is:$1227.62
```

```
Process exited after 2.529 seconds with return value 0
Press any key to continue . . .
```



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lobals)

p 1.cpp x | [\*] p 2.cpp x | p 3.cpp x | p 4.cpp x | p 5.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int age,a,b;
6     cout<<"enter your age:"<<endl;
7     cin>>age;
8     a=age-1;
9     b=age+1;
10    cout<<"you are "<<age<<"years old"<<endl;
11    cout<<"one year you were "<<a<<endl;
12    cout<<"in one year you will be "<<b<<endl;
13
14
15    return 0;
16 }
17
```

C:\Users\WALEED TRADERS\Desktop\c++\p 8.exe

enter your age:

19

you are 19 years old

one year you were 18

in one year you will be 20

Process exited after 2.43 seconds with return value 0  
Press any key to continue . . .

Compiler (1) Resources Compile Log Debug Find Results Console Close

Abort Compilation

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\WALEED TRADERS\Desktop\c++\p 8.exe
- Output Size: 2.98873424530029 MiB
- Compilation Time: 1.55s

275 Insert

Done parsing in 0.016 seconds