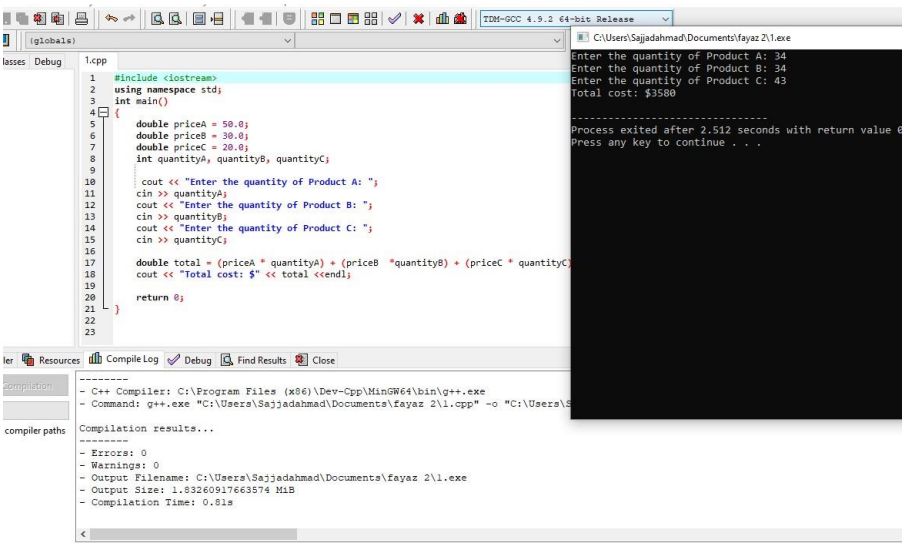
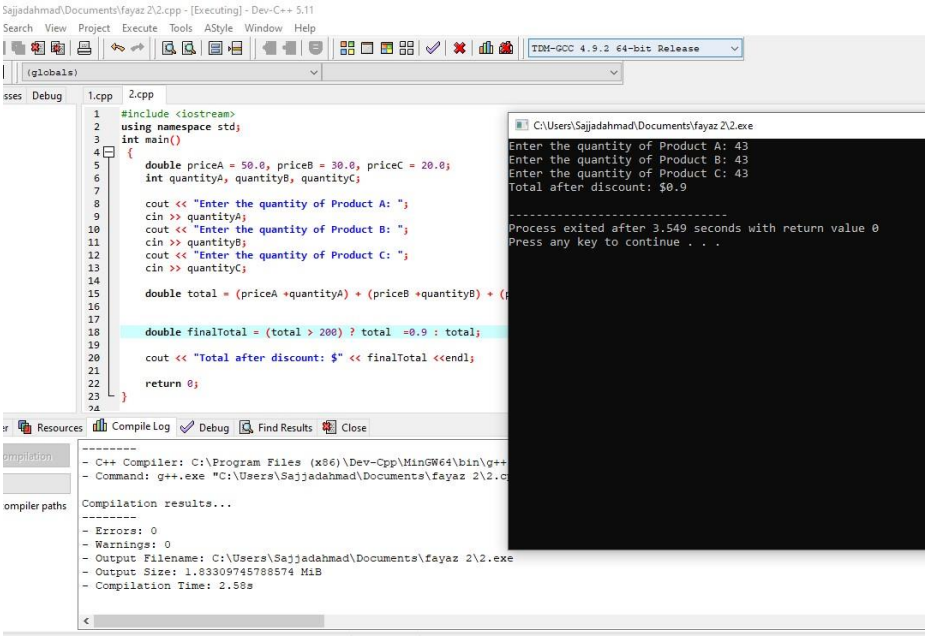
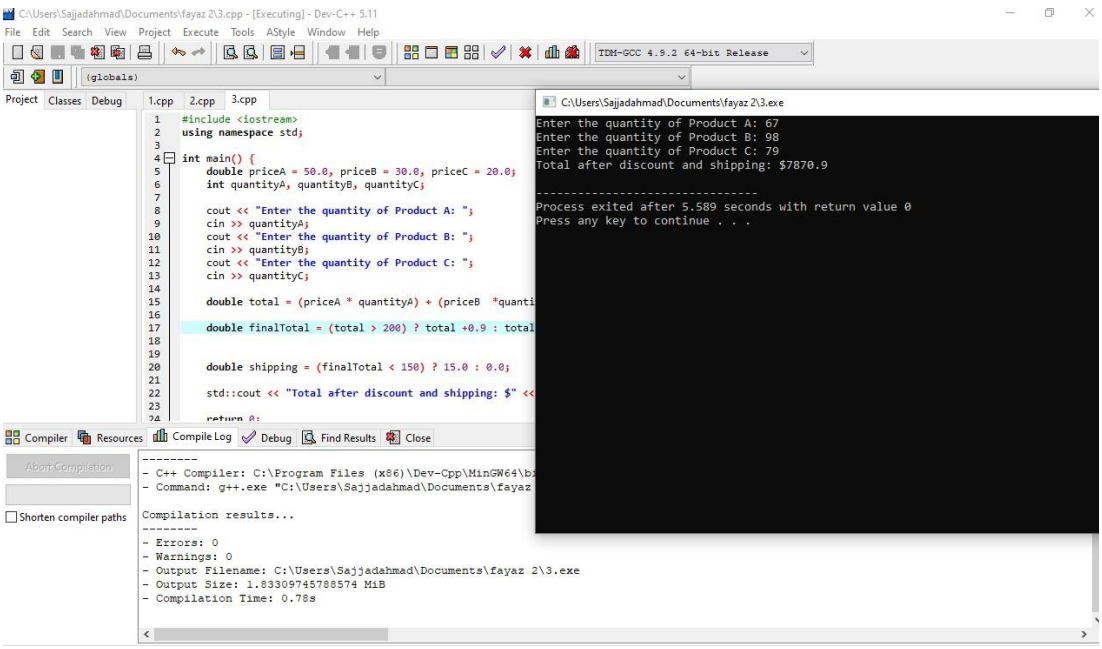
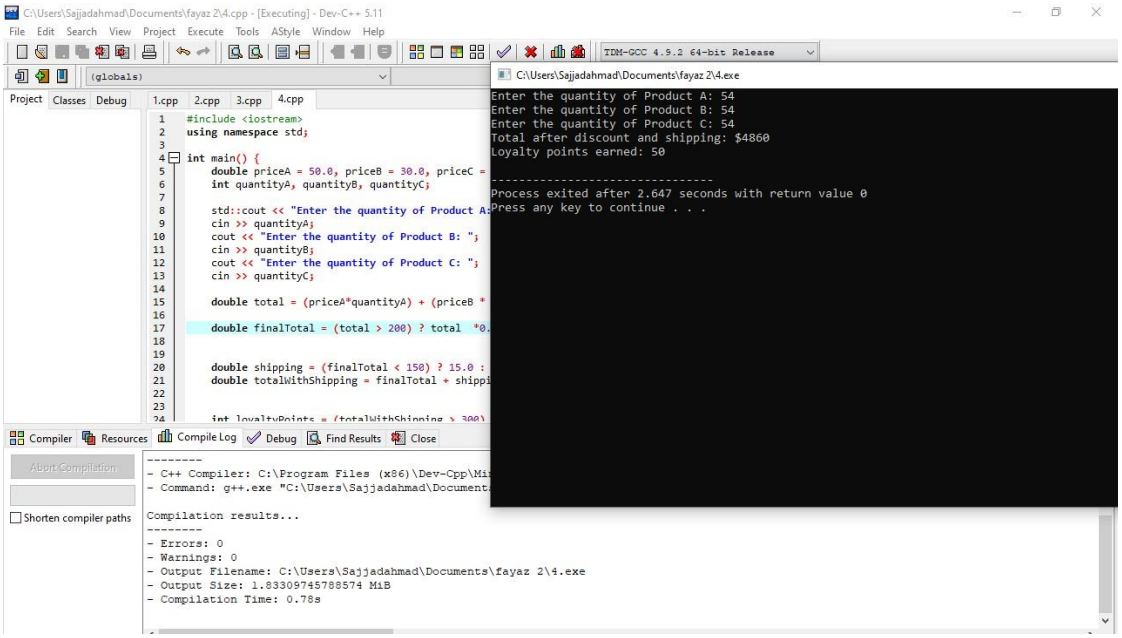
Prepared by Abdul Aziz

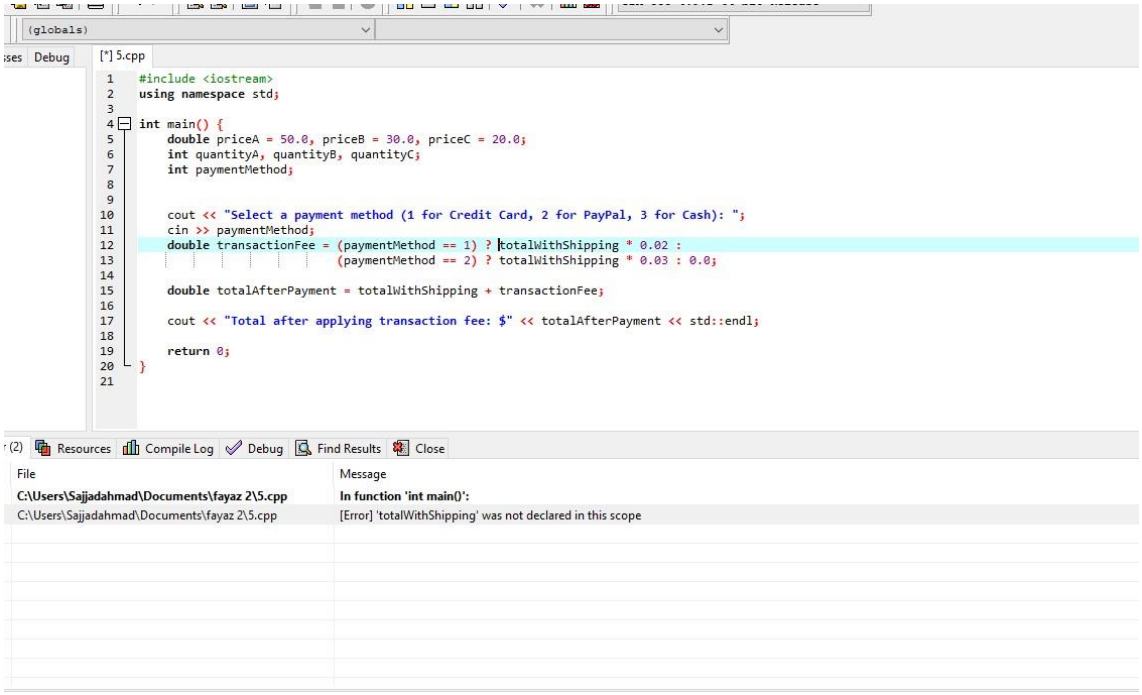
Submitted to Sir Jawad hussain





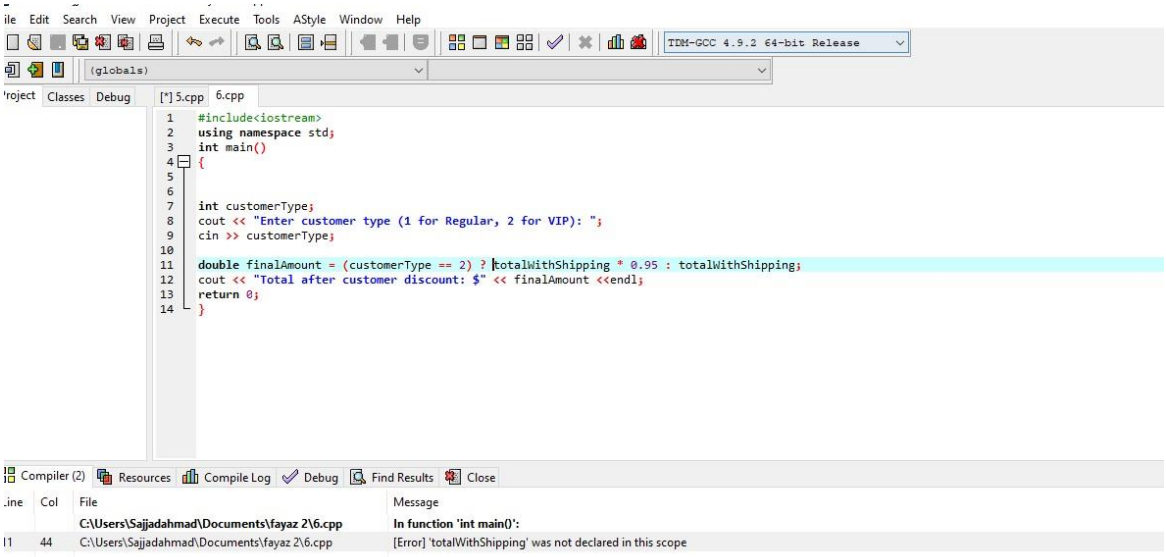

C:\Users\Sajjadahmad\Documents\fayaz 2\3.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
1.cpp 2.cpp 3.cpp
#include <iostream>
using namespace std;
int main() {
double priceA = 50.0, priceB = 30.0, priceC = 20.0;
int quantityA, quantityB, quantityC;
cout << "Enter the quantity of Product A: ";
cin >> quantityA;
cout << "Enter the quantity of Product B: ";
cin >> quantityB;
cout << "Enter the quantity of Product C: ";
cin >> quantityC;
double total = (priceA * quantityA) + (priceB *quanti
double finalTotal = (total > 200) ? total +0.9 : total
double shipping = (finalTotal < 150) ? 15.0 : 0.0;
std::cout << "Total after discount and shipping: $" <<
return 0;
C:\Users\Sajjadahmad\Documents\fayaz 2\3.exe
Enter the quantity of Product A: 67
Enter the quantity of Product B: 98
Enter the quantity of Product C: 79
Total after discount and shipping: $7870.9
Process exited after 5.589 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
- C++ Compiler: C:\Program Files (x86)\Dev-Cpp\MinGW64\b
- Command: g++.exe "C:\Users\Sajjadahmad\Documents\fayaz
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Sajjadahmad\Documents\fayaz 2\3.exe
- Output Size: 1.83309745788574 MiB
- Compilation Time: 0.78s


C:\Users\Sajjadahmad\Documents\fayaz 2\4.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
1.cpp 2.cpp 3.cpp 4.cpp
#include <iostream>
using namespace std;
int main() {
double priceA = 50.0, priceB = 30.0, priceC =
int quantityA, quantityB, quantityC;
std::cout << "Enter the quantity of Product A
cin >> quantityA;
cout << "Enter the quantity of Product B: ";
cin >> quantityB;
cout << "Enter the quantity of Product C: ";
cin >> quantityC;
double total = (priceA*quantityA) + (priceB *
double finalTotal = (total > 200) ? total *0.
double shipping = (finalTotal < 150) ? 15.0 :
double totalWithShipping = finalTotal + shippi
C:\Users\Sajjadahmad\Documents\fayaz 2\4.exe
Enter the quantity of Product A: 54
Enter the quantity of Product B: 54
Enter the quantity of Product C: 54
Total after discount and shipping: $4860
Loyalty points earned: 50
Process exited after 2.647 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
- C++ Compiler: C:\Program Files (x86)\Dev-Cpp\Mi
- Command: g++.exe "C:\Users\Sajjadahmad\Document
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Sajjadahmad\Documents\fayaz 2\4.exe
- Output Size: 1.83309745788574 MiB
- Compilation Time: 0.78s



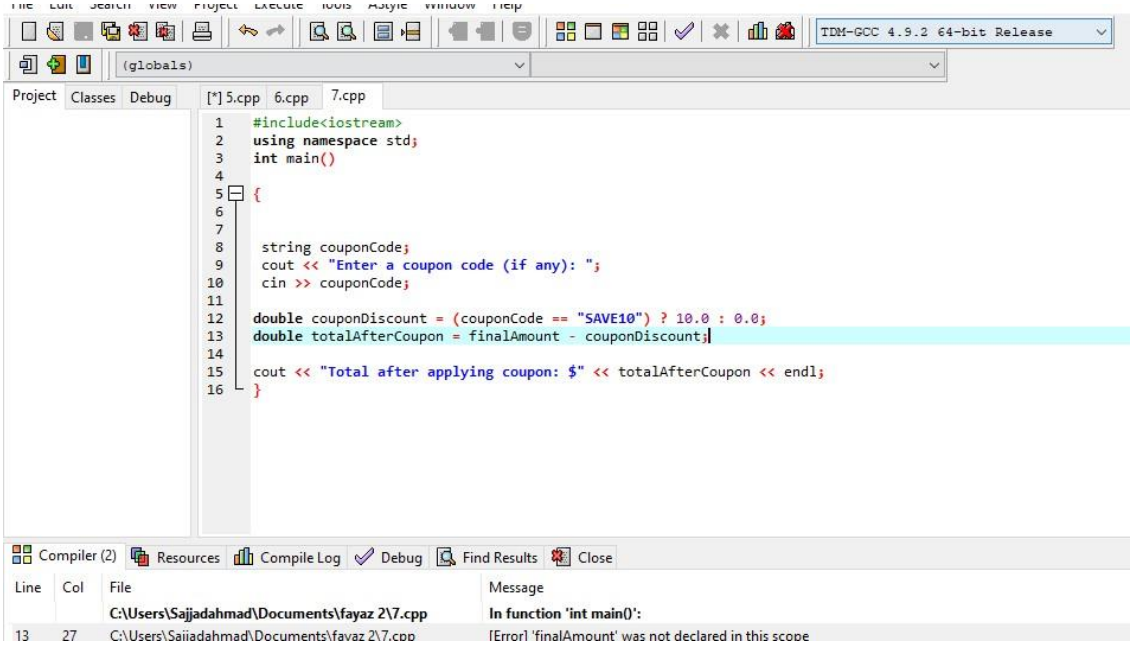
```cpp
#include <iostream>
using namespace std;

int main() {
    double priceA = 50.0, priceB = 30.0, priceC = 20.0;
    int quantityA, quantityB, quantityC;
    int paymentMethod;


    cout << "Select a payment method (1 for Credit Card, 2 for PayPal, 3 for Cash): ";
    cin >> paymentMethod;
    double transactionFee = (paymentMethod == 1) ? totalWithShipping * 0.02 :
                            (paymentMethod == 2) ? totalWithShipping * 0.03 : 0.0;

    double totalAfterPayment = totalWithShipping + transactionFee;

    cout << "Total after applying transaction fee: $" << totalAfterPayment << std::endl;

    return 0;
}
```

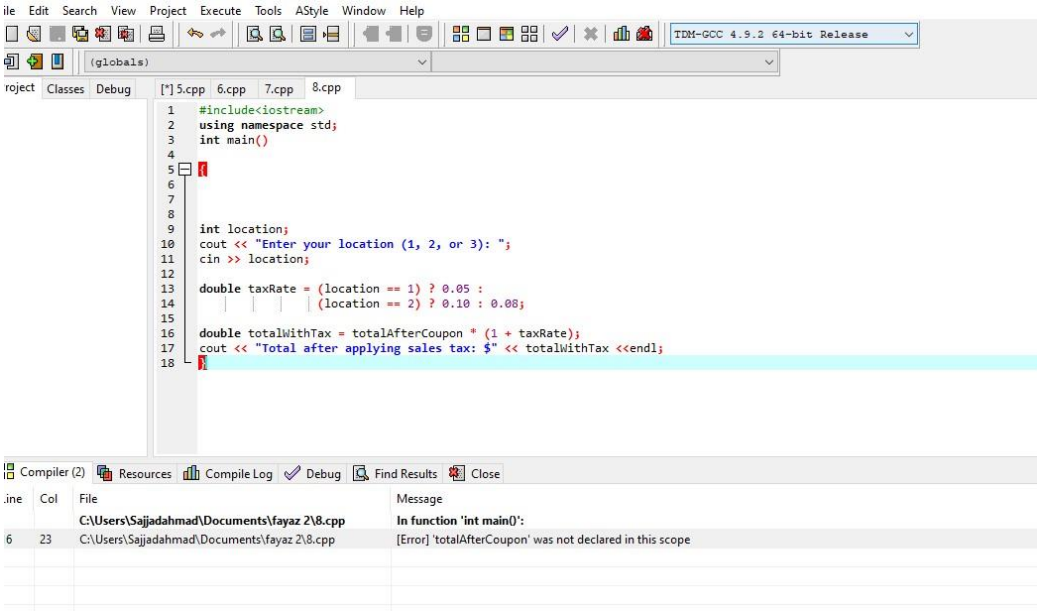
File	Message
C:\Users\Sajjadahmad\Documents\fayaz 2\5.cpp	**In function 'int main()':**
C:\Users\Sajjadahmad\Documents\fayaz 2\5.cpp	[Error] 'totalWithShipping' was not declared in this scope

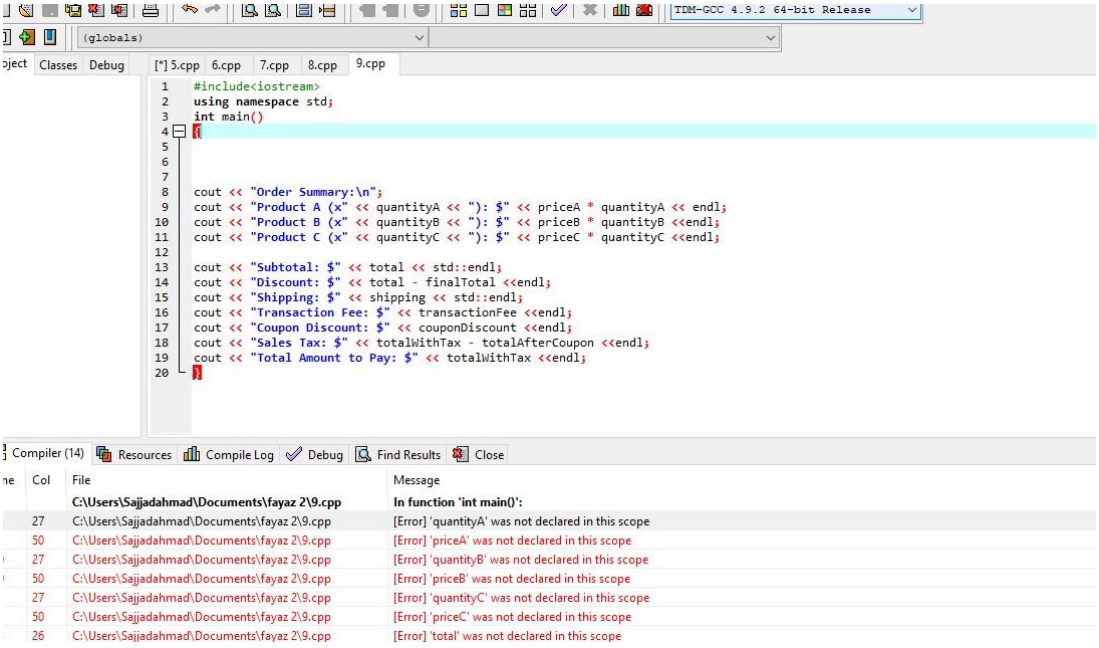


```cpp
#include<iostream>
using namespace std;
int main()
{


int customerType;
cout << "Enter customer type (1 for Regular, 2 for VIP): ";
cin >> customerType;

double finalAmount = (customerType == 2) ? totalWithShipping * 0.95 : totalWithShipping;
cout << "Total after customer discount: $" << finalAmount <<endl;
return 0;
}
```

Line	Col	File	Message
		C:\Users\Sajjadahmad\Documents\fayaz 2\6.cpp	**In function 'int main()':**
11	44	C:\Users\Sajjadahmad\Documents\fayaz 2\6.cpp	[Error] 'totalWithShipping' was not declared in this scope

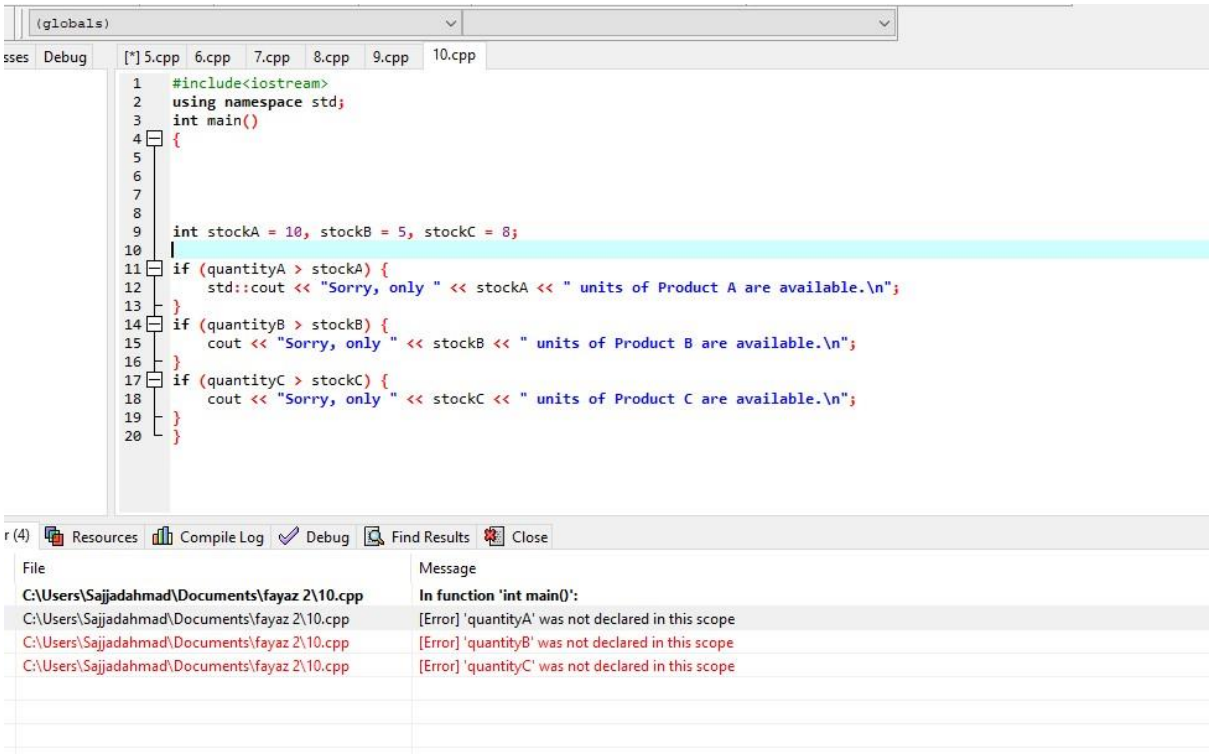

TDM-GCC 4.9.2 64-bit Release
(globals)
Project
Classes
Debug
[*] 5.cpp
6.cpp
7.cpp
#include<iostream>
using namespace std;
int main()
{
string couponCode;
cout << "Enter a coupon code (if any): ";
cin >> couponCode;
double couponDiscount = (couponCode == "SAVE10") ? 10.0 : 0.0;
double totalAfterCoupon = finalAmount - couponDiscount;
cout << "Total after applying coupon: $" << totalAfterCoupon << endl;
}
Compiler (2)
Resources
Compile Log
Debug
Find Results
Close
Line
Col
File
Message
C:\Users\Sajjadahmad\Documents\fayaz 2\7.cpp
In function 'int main()':
13
27
C:\Users\Sajjadahmad\Documents\fayaz 2\7.cpp
[Error] 'finalAmount' was not declared in this scope


Edit
Search
View
Project
Execute
Tools
AStyle
Window
Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Classes
Debug
[*] 5.cpp
6.cpp
7.cpp
8.cpp
#include<iostream>
using namespace std;
int main()
{
int location;
cout << "Enter your location (1, 2, or 3): ";
cin >> location;
double taxRate = (location == 1) ? 0.05 :
(location == 2) ? 0.10 : 0.08;
double totalWithTax = totalAfterCoupon * (1 + taxRate);
cout << "Total after applying sales tax: $" << totalWithTax <<endl;
}
Compiler (2)
Resources
Compile Log
Debug
Find Results
Close
Col
File
Message
C:\Users\Sajjadahmad\Documents\fayaz 2\8.cpp
In function 'int main()':
23
C:\Users\Sajjadahmad\Documents\fayaz 2\8.cpp
[Error] 'totalAfterCoupon' was not declared in this scope



```cpp
#include<iostream>
using namespace std;
int main()
{



cout << "Order Summary:\n";
cout << "Product A (x" << quantityA << "): $" << priceA * quantityA << endl;
cout << "Product B (x" << quantityB << "): $" << priceB * quantityB <<endl;
cout << "Product C (x" << quantityC << "): $" << priceC * quantityC <<endl;

cout << "Subtotal: $" << total << std::endl;
cout << "Discount: $" << total - finalTotal <<endl;
cout << "Shipping: $" << shipping << std::endl;
cout << "Transaction Fee: $" << transactionFee <<endl;
cout << "Coupon Discount: $" << couponDiscount <<endl;
cout << "Sales Tax: $" << totalWithTax - totalAfterCoupon <<endl;
cout << "Total Amount to Pay: $" << totalWithTax <<endl;
}
```

Col	File	Message
	C:\Users\Sajjadahmad\Documents\fayaz 2\9.cpp	**In function 'int main()':**
27	C:\Users\Sajjadahmad\Documents\fayaz 2\9.cpp	[Error] 'quantityA' was not declared in this scope
50	C:\Users\Sajjadahmad\Documents\fayaz 2\9.cpp	[Error] 'priceA' was not declared in this scope
27	C:\Users\Sajjadahmad\Documents\fayaz 2\9.cpp	[Error] 'quantityB' was not declared in this scope
50	C:\Users\Sajjadahmad\Documents\fayaz 2\9.cpp	[Error] 'priceB' was not declared in this scope
27	C:\Users\Sajjadahmad\Documents\fayaz 2\9.cpp	[Error] 'quantityC' was not declared in this scope
50	C:\Users\Sajjadahmad\Documents\fayaz 2\9.cpp	[Error] 'priceC' was not declared in this scope
26	C:\Users\Sajjadahmad\Documents\fayaz 2\9.cpp	[Error] 'total' was not declared in this scope



```cpp
#include<iostream>
using namespace std;
int main()
{



int stockA = 10, stockB = 5, stockC = 8;

if (quantityA > stockA) {
    std::cout << "Sorry, only " << stockA << " units of Product A are available.\n";
}
if (quantityB > stockB) {
    cout << "Sorry, only " << stockB << " units of Product B are available.\n";
}
if (quantityC > stockC) {
    cout << "Sorry, only " << stockC << " units of Product C are available.\n";
}
}
```

File	Message
C:\Users\Sajjadahmad\Documents\fayaz 2\10.cpp	**In function 'int main()':**
C:\Users\Sajjadahmad\Documents\fayaz 2\10.cpp	[Error] 'quantityA' was not declared in this scope
C:\Users\Sajjadahmad\Documents\fayaz 2\10.cpp	[Error] 'quantityB' was not declared in this scope
C:\Users\Sajjadahmad\Documents\fayaz 2\10.cpp	[Error] 'quantityC' was not declared in this scope