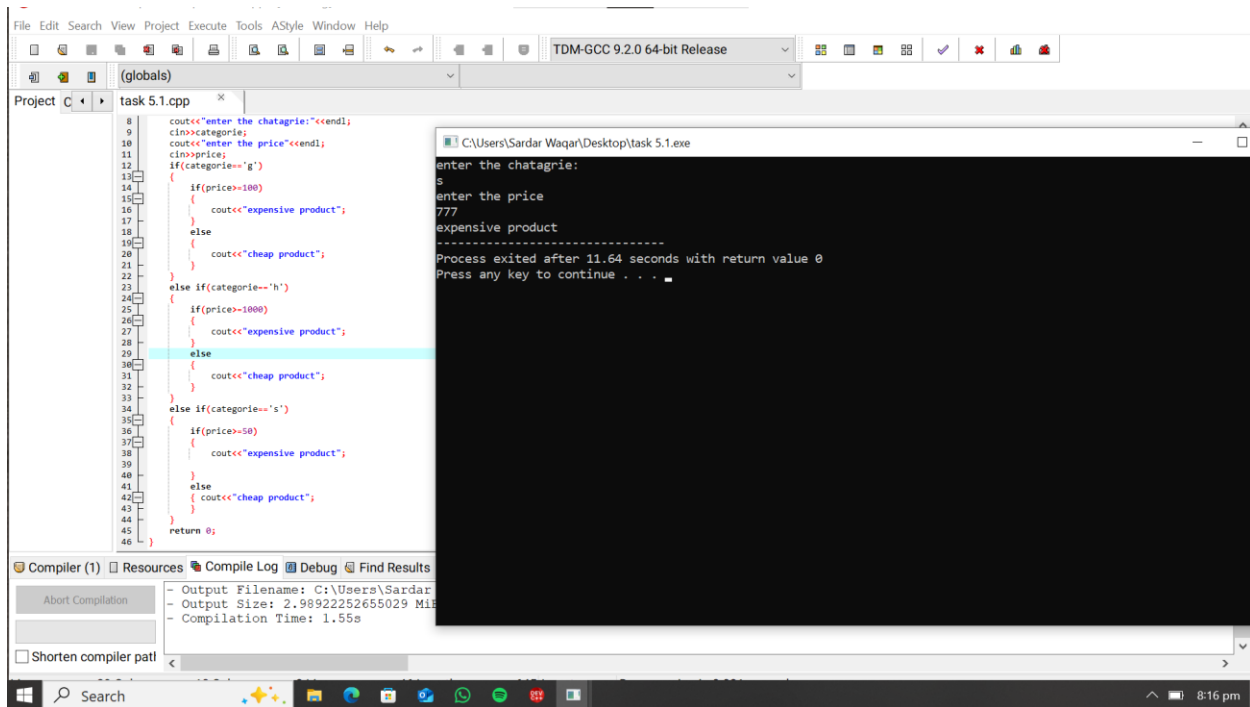


Name: Noorfatima

Sap id: 63903

Task 1



```
8      cout<<"enter the chatagrie:"<<endl;
9      cin>>category;
10     cout<<"enter the price"<<endl;
11     cin>>price;
12     if(category=="g")
13     {
14         if(price>=100)
15         {
16             cout<<"expensive product";
17         }
18         else
19         {
20             cout<<"cheap product";
21         }
22     }
23     else if(category=="h")
24     {
25         if(price>=1000)
26         {
27             cout<<"expensive product";
28         }
29         else
30         {
31             cout<<"cheap product";
32         }
33     }
34     else if(category=="s")
35     {
36         if(price>=50)
37         {
38             cout<<"expensive product";
39         }
40         else
41         {
42             cout<<"cheap product";
43         }
44     }
45     return 0;
46 }
```

```
enter the chatagrie:
s
enter the price
777
expensive product
-----
Process exited after 11.64 seconds with return value 0
Press any key to continue . . .
```

Compiler (1) | Resources | Compile Log | Debug | Find Results

Abort Compilation

Shorten compiler path

Output Filename: C:\Users\Sardar\...
Output Size: 2.98922252655029 MiB
Compilation Time: 1.55s

8:16 pm

Task 2

```
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project C h.cpp
5 string tem;
6 string hum;
7 cout<<"ENTER TEMPERATURE:";
8 cin>>tem;
9 cout<<"ENTER HUMIDITY:";
10 cin>>hum;
11 if( tem=="warm")
12 {
13     if(hum=="dry")
14     {
15         cout<<"play tennis";
16     }
17     else
18     {
19         cout<<"swim";
20     }
21 }
22 else
23 if(tem=="cold")
24 {
25     if(hum=="dry")
26     {
27         cout<<"play basketball";
28     }
29     else
30     {
31         cout<<"watch tv";
32     }
33 }
34 return 0;

Compiler Resources Compile Log Debug Find Results Console
- Output Filename: C:\Users\Sardar Waqar\
- Output Size: 2.99427604675293 MiB
- Compilation Time: 1.59s
Shorten compiler path
C:\Users\Sardar Waqar\Desktop\h.exe
ENTER TEMPERATURE:cold
ENTER HUMIDITY:humid
watch tv
-----
Process exited after 11.9 seconds with return value 0
Press any key to continue . . .
```

Task 3

```
C:\Users\Sardar Waqar\Desktop\5.3 nn.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project C 5.3 nn.cpp
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     char service;
6     int amount,d,u,t;deposit,transfer,withdraw,totalamount;
7     totalamount=10000;
8     cout<<"press t to transfer\npress d to deposit\npress w to withdraw" <<endl;
9     cin>>service;
10    cout<<"enter the amount:";
11    cin >>amount;
12    switch(service)
13    {
14        case 'd':
15            deposit=(0.5*amount)/100;
16            totalamount+=deposit;
17            cout<<"remaining deposit:"<<deposit<<endl;
18            cout<<"remaining amount:"<<totalamount<<endl;
19            break;
20        case 'u':
21            withdraw=(1.5*amount)/100;
22            totalamount-=withdraw;
23            cout<<"remaining withdraw:"<<withdraw<<endl;
24            cout<<"remaining amount:"<<totalamount<<endl;
25            break;
26        case 't':
27            withdraw=(2.5*amount)/100;
28            totalamount-=transfer;
29            cout<<"remaining transfer:"<<transfer<<endl;
30            cout<<"remaining amount:"<<totalamount<<endl;
31            break;
32        default:
33            cout<<"insufficient balance:"<<endl;
34            break;
35    }
36    return 0;
37 }
38
39
Compiler (1) Resources Compile Log Debug Find Results Console
- Output Filename: C:\Users\Sardar Waqar\Desktop\
- Output Size: 2.98922252655029 MiB
- Compilation Time: 1.56s
Shorten compiler path
C:\Users\Sardar Waqar\Desktop\5.3 nn.exe
press t to transfer
press d to deposit
press w to withdraw
d
enter the amount:7000
remaining deposit:35
remaining amount:10035
-----
Process exited after 17.54 seconds with return value 0
Press any key to continue . . .
```

Task 4

