



SUMMER EXAMINATION 2020

NAME	M ZEESHAN
ID#	14882
SECTION#	B
DEPARTEMENT	BS (SE)
ASSIGNMENT	PROGRAMMING FUNDAMENTAL

INSTRUCTOR

SIR DR FAZAL E MALIK

Based on Figure 1, the program shows the options available at the ATM machine. If the user withdraws amount more than the available balance, an error message will be displayed and the program is terminated. Assume that the account has PKR 1000.00 starting balance.

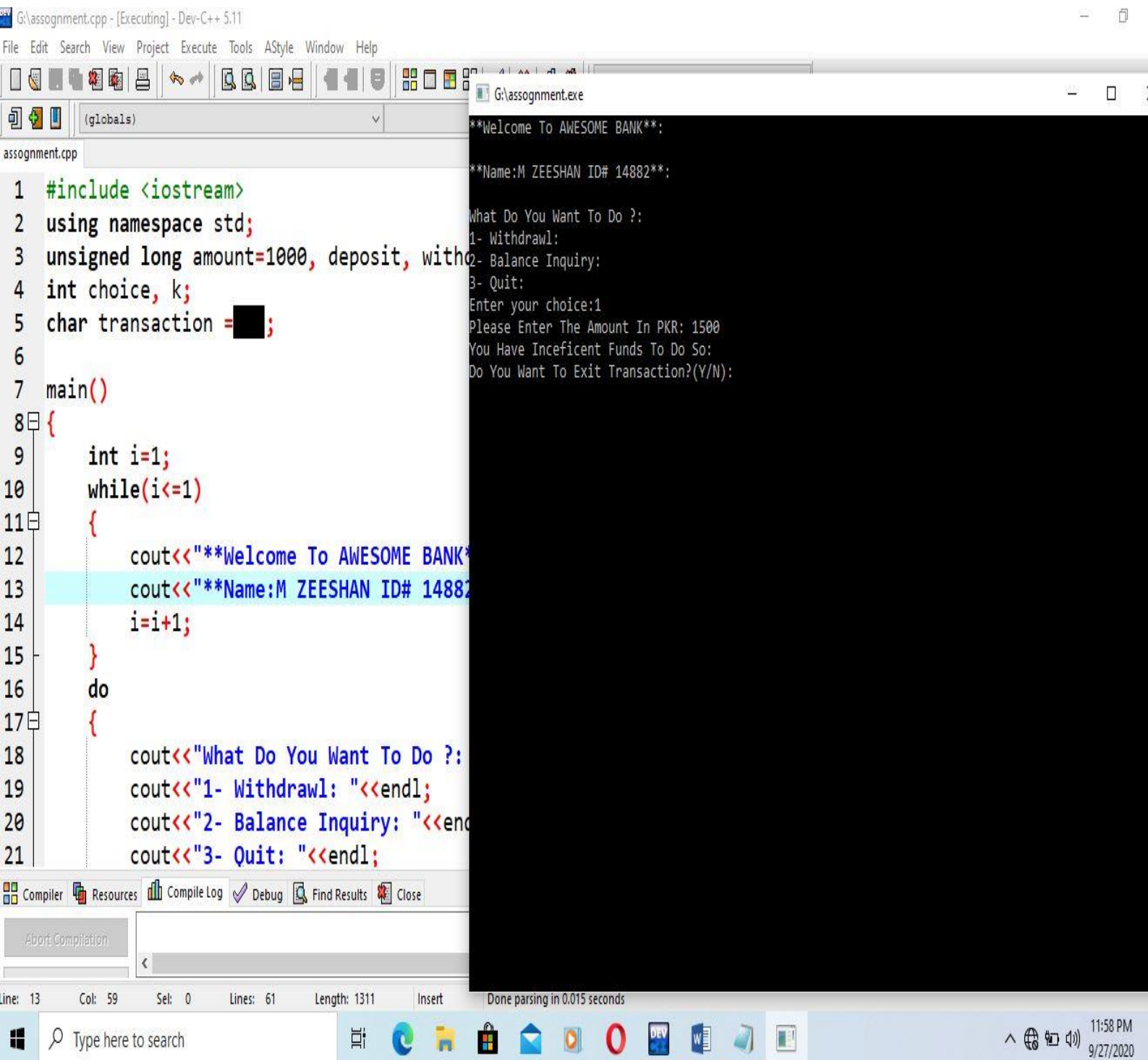
QUESTION

Using a do-while loop, write a program that will do banking transactions as per the figures below?

ANSWER

OUTPUTS:

1



The image shows a screenshot of a C++ program in Dev-C++ and its execution output. The code uses a do-while loop to repeatedly display a menu of banking options. The output shows the program running and displaying the menu, with the user selecting option 1 (Withdrawal) and entering an amount of 1500. The program then displays an error message: "You Have Inceficent Funds To Do So:" (sic) and asks if the user wants to exit the transaction.

```
1 #include <iostream>
2 using namespace std;
3 unsigned long amount=1000, deposit, withdraw;
4 int choice, k;
5 char transaction = ' ';
6
7 main()
8 {
9     int i=1;
10    while(i<=1)
11    {
12        cout<<"**Welcome To AWESOME BANK**:"<<endl;
13        cout<<"**Name:M ZEESHAN ID# 14882**:"<<endl;
14        i=i+1;
15    }
16    do
17    {
18        cout<<"What Do You Want To Do ?:"<<endl;
19        cout<<"1- Withdrawl: "<<endl;
20        cout<<"2- Balance Inquiry: "<<endl;
21        cout<<"3- Quit: "<<endl;
```

```
**Welcome To AWESOME BANK**:
**Name:M ZEESHAN ID# 14882**:
What Do You Want To Do ?;
1- Withdrawl:
2- Balance Inquiry:
3- Quit:
Enter your choice:1
Please Enter The Amount In PKR: 1500
You Have Inceficent Funds To Do So:
Do You Want To Exit Transaction?(Y/N):
```

```
G:\assognment.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
assognment.cpp
1 #include <iostream>
2 using namespace std;
3 unsigned long amount=1000, deposit, withdraw;
4 int choice, k;
5 char transaction = ' ';
6
7 main()
8 {
9     int i=1;
10    while(i<=1)
11    {
12        cout<<"**Welcome To AWESOME BANK**:"<<endl;
13        cout<<"**Name:M ZEESHAN ID# 14882**:"<<endl;
14        i=i+1;
15    }
16    do
17    {
18        cout<<"What Do You Want To Do ?:"<<endl;
19        cout<<"1- Withdrawl:"<<endl;
20        cout<<"2- Balance Inquiry:"<<endl;
21        cout<<"3- Quit:"<<endl;
```

```
G:\assognment.exe
**Welcome To AWESOME BANK**:
**Name:M ZEESHAN ID# 14882**:
What Do You Want To Do ?:
1- Withdrawl:
2- Balance Inquiry:
3- Quit:
Enter your choice:1
Please Enter The Amount In PKR: 500
Thank You For Transaction , Your Balance Is:500
Do You Want To Exit Transaction?(Y/N):
```

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```
G:\assognment.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
assignment.cpp
1 #include <iostream>
2 using namespace std;
3 unsigned long amount=1000, deposit, withdr
4 int choice, k;
5 char transaction = █;
6
7 main()
8 {
9     int i=1;
10    while(i<=1)
11    {
12        cout<<"**Welcome To AWESOME BANK**
13        cout<<"**Name:M ZEESHAN ID# 14882
14        i=i+1;
15    }
16    do
17    {
18        cout<<"What Do You Want To Do ?:"
19        cout<<"1- Withdrawl: "<<endl;
20        cout<<"2- Balance Inquiry: "<<end
21        cout<<"3- Quit: "<<endl;
```

```
G:\assognment.exe
**Welcome To AWESOME BANK**:
**Name:M ZEESHAN ID# 14882**:
What Do You Want To Do ?:
1- Withdrawl:
2- Balance Inquiry:
3- Quit:
Enter your choice:2
YOUR BALANCE IN PKR IS:1000
Do You Want To Exit Transaction?(Y/N):
```

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```

G:\assognment.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
assognment.cpp
1 #include <iostream>
2 using namespace std;
3 unsigned long amount=1000, deposit, withdraw;
4 int choice, k;
5 char transaction = ' ';
6
7 main()
8 {
9     int i=1;
10    while(i<=1)
11    {
12        cout<<"**Welcome To AWESOME BANK**:"<<endl<<endl;
13        cout<<"**Name:M ZEESHAN ID# 14882**:"<<endl<<endl;
14        i=i+1;
15    }
16    do
17    {
18        cout<<"What Do You Want To Do ?:"<<endl;
19        cout<<"1- Withdrawl:"<<endl;
20        cout<<"2- Balance Inquiry:"<<endl;
21        cout<<"3- Quit:"<<endl;

```

```

G:\assognment.exe
**Welcome To AWESOME BANK**:
**Name:M ZEESHAN ID# 14882**:
What Do You Want To Do ?:
1- Withdrawl:
2- Balance Inquiry:
3- Quit:
Enter your choice:3
THANK U USING ATM
Do You Want To Exit Transaction?(Y/N):

```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

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G:\assognment.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help



assognment.cpp

```

1 #include <iostream>
2 using namespace std;
3 unsigned long amount=1000, deposit, withdraw;
4 int choice, k;
5 char transaction = ' ';
6
7 main()
8 {
9     int i=1;
10    while(i<=1)
11    {
12        cout<<"**Welcome To AWESOME BANK**:"<<endl;
13        cout<<"**Name:M ZEESHAN ID# 14882**:"<<endl;
14        i=i+1;
15    }
16    do
17    {
18        cout<<"What Do You Want To Do ?:"<<endl;
19        cout<<"1- Withdrawl:"<<endl;
20        cout<<"2- Balance Inquiry:"<<endl;
21        cout<<"3- Quit:"<<endl;

```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

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G:\assognment.exe

Welcome To AWESOME BANK:

Name:M ZEESHAN ID# 14882:

What Do You Want To Do ?:

1- Withdrawl:

2- Balance Inquiry:

3- Quit:

Enter your choice:1

Please Enter The Amount In PKR: 500

Thank You For Transaction , Your Balance Is:500

Do You Want To Exit Transaction?(Y/N):

Y

What Do You Want To Do ?:

1- Withdrawl:

2- Balance Inquiry:

3- Quit:

Enter your choice:2

YOUR BALANCE IN PKR IS:500

Do You Want To Exit Transaction?(Y/N):

Y

What Do You Want To Do ?:

1- Withdrawl:

2- Balance Inquiry:

3- Quit:

Enter your choice:3

THANK U USING ATM

Do You Want To Exit Transaction?(Y/N):

(globals)

ssognment.cpp

```
1 #include <iostream>
2 using namespace std;
3 unsigned long amount=1000, deposit, withdraw;
4 int choice, k;
5 char transaction = ■■■;
6
7 main()
8 {
9     int i=1;
10    while(i<=1)
11    {
12        cout<<"**Welcome To AWESOME BANK**:"<<endl<<endl;
13        cout<<"**Name:M ZEESHAN ID# 14882**:"<<endl<<endl;
14        i=i+1;
15    }
16    do
17    {
18        cout<<"What Do You Want To Do ?:"<<endl;
19        cout<<"1- Withdrawl:"<<endl;
20        cout<<"2- Balance Inquiry:"<<endl;
21        cout<<"3- Quit:"<<endl;
```

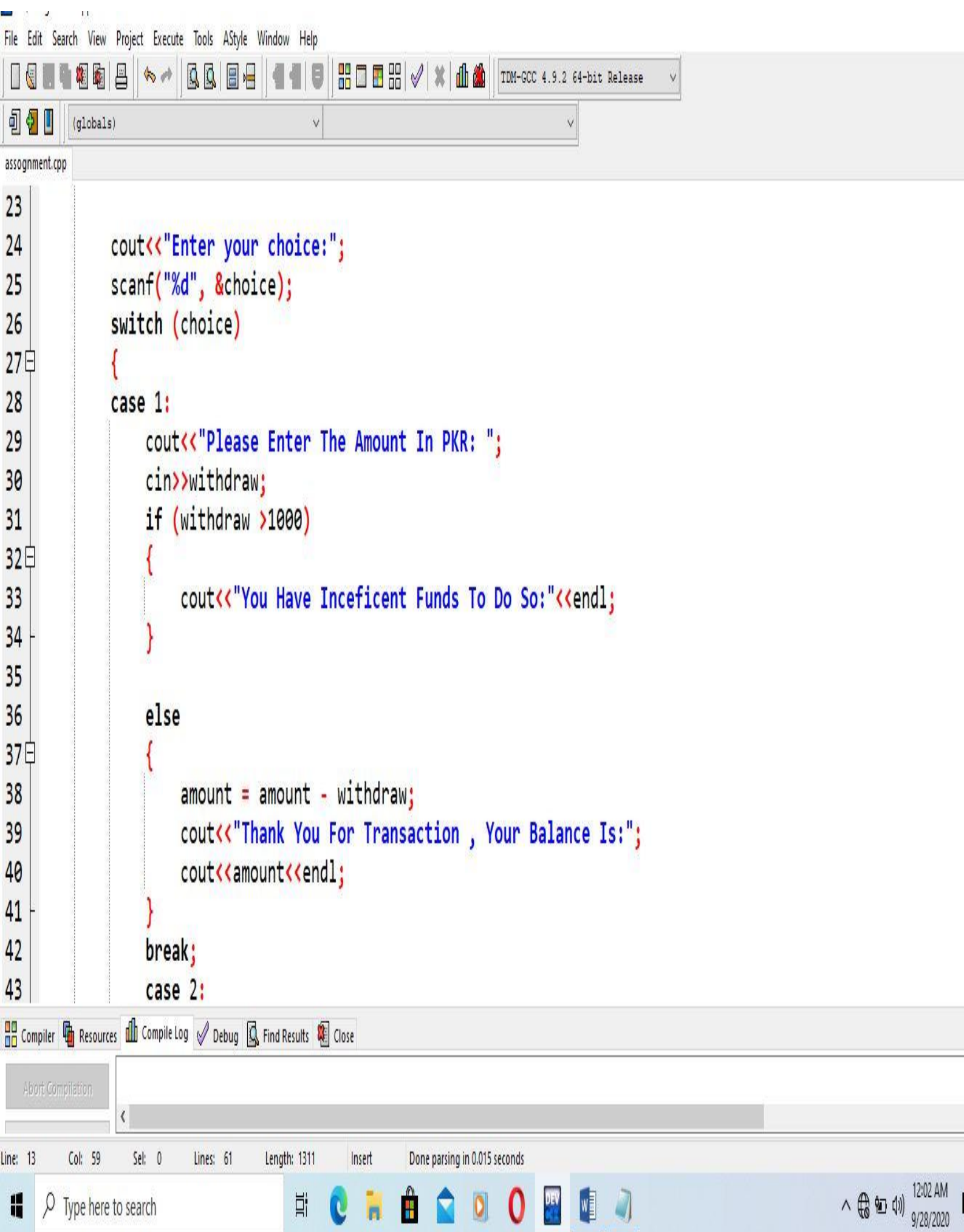
Compiler Resources Compile Log Debug Find Results Close

About Compilation

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```
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(global)
assignment.cpp
23
24 cout<<"Enter your choice:";
25 scanf("%d", &choice);
26 switch (choice)
27 {
28 case 1:
29     cout<<"Please Enter The Amount In PKR: ";
30     cin>>withdraw;
31     if (withdraw >1000)
32     {
33         cout<<"You Have Inceficent Funds To Do So:"<<endl;
34     }
35
36     else
37     {
38         amount = amount - withdraw;
39         cout<<"Thank You For Transaction , Your Balance Is:";
40         cout<<amount<<endl;
41     }
42     break;
43 case 2:
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

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```
42     break;
43     case 2:
44         cout<<"YOUR BALANCE IN PKR IS:";
45         cout<<amount<<endl;
46         break;
47     case 3:
48         cout<<"THANK U USING ATM"<<endl;
49         break;
50     default:
51         cout<<"INVALID CHOICE"<<endl;
52 }
53
54 cout<<"Do You Want To Exit Transaction?(Y/N):"<<endl;
55 fflush(stdin);
56 cin>>transaction;
57 if (transaction == █ || transaction == █)
58     k = 1;
59 } while (!k);
60 cout<<"THANKS FOR USING OUT ATM SERVICE";
61 }
```

THANK YOU SIR