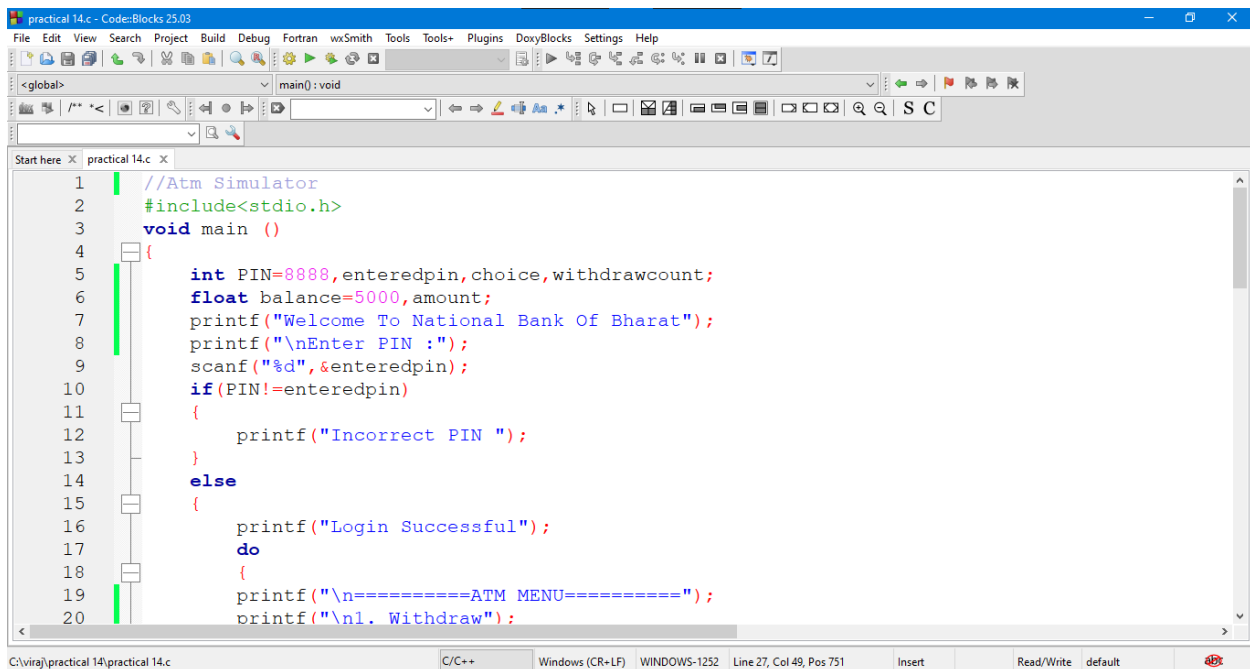


Practical 14

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The screenshot shows the Code::Blocks IDE with a C program titled "practical 14.c". The program is an ATM simulator. It includes the standard input/output header and defines a main function. Inside the main function, it declares variables for PIN, entered PIN, choice, withdraw count, balance, and amount. It prints a welcome message and prompts the user to enter their PIN. It then checks if the entered PIN matches the predefined PIN (8888). If it matches, it prints "Login Successful" and displays the ATM menu. If it doesn't match, it prints "Incorrect PIN".

```
1 //Atm Simulator
2 #include<stdio.h>
3 void main ()
4 {
5     int PIN=8888,enteredpin,choice,withdrawcount;
6     float balance=5000,amount;
7     printf("Welcome To National Bank Of Bharat");
8     printf("\nEnter PIN :");
9     scanf("%d",&enteredpin);
10    if(PIN!=enteredpin)
11    {
12        printf("Incorrect PIN ");
13    }
14    else
15    {
16        printf("Login Successful");
17        do
18        {
19            printf("\n=====ATM MENU=====");
20            printf("\n1. Withdraw");
```

The status bar at the bottom indicates the file path is C:\viraj\practical 14\practical 14.c, the editor is C/C++, the window is Windows (CR+LF), the encoding is WINDOWS-1252, the cursor is at Line 27, Col 49, Pos 751, and the mode is Insert.

```
practical 14.c - Code::Blocks 25.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DovyBlocks Settings Help
<global> main():void
Start here x practical 14.c x
16 printf("Login Successful");
17 do
18 {
19 printf("\n=====ATM MENU=====");
20 printf("\n1. Withdraw");
21 printf("\n2. Deposit");
22 printf("\n3. Check Balance");
23 printf("\n4. Exit");
24 printf("\n=====");
25 printf("\nEnter Choice :");
26 scanf("%d",&choice);
27 printf("\n=====\\n");
28 switch (choice)
29 {
30 case 1:
31 printf("Enter The Amount To Withdraw :");
32 scanf("%f",&amount);
33 if(withdrawcount>=5)
34 {
35 printf("Withdrawl limit reached");
```

```
C:\vira\practical 14\practical 14.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 27, Col 49, Pos 751 Insert Read/Write default
practical 14.c - Code::Blocks 25.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DovyBlocks Settings Help
<global> main():void
Start here x practical 14.c x
33 if(withdrawcount>=5)
34 {
35 printf("Withdrawl limit reached");
36 }
37 else if (amount<=0)
38 {
39 printf("Withdrawl unsuccessful");
40 }
41 else if (amount >= balance)
42 {
43 printf("Insufficient Balance !");
44 }
45 else
46 {
47 balance -= amount;
48 withdrawcount++;
49 printf("Withdrawl Successful ! \nRemaining Balance :%.2f",balance);
50 }
51 break ;
52 case 2:
```

```
practical 14.c - Code::Blocks 25.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DovyBlocks Settings Help
<global> main(): void
Start here x practical 14.c x
51 break ;
52
53 case 2:
54     printf("Enter THE Amount To Deposit :");
55     scanf("%f",&amount);
56     if(amount<=0)
57     {
58         printf("Enter A Valid Amount !");
59     }
60     else
61     {
62         balance += amount;
63         printf("Deposit Successful ! \nCurrent Balance :%.2f",balance);
64     }
65     break;
66 case 3:
67     printf("Current Balance :%.2f",balance);
68     break;
69 case 4:
70     printf("Thank You ! For using our service");
71     break;
```

```
C:\vira\practical 14\practical 14.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 67, Col 23, Pos 2116 Insert Modified Read/Write default
practical 14.c - Code::Blocks 25.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DovyBlocks Settings Help
<global> main(): void
Start here x practical 14.c x
63 }
64 break;
65 case 3:
66     printf("Current Balance :%.2f",balance);
67     break;
68 case 4:
69     printf("Thank You ! For using our service");
70     break;
71 default :
72     printf("Enter a Valid Choice");
73 }
74 printf("\n=====");
75 }
76 while(choice!=4);
77 }
78
79
80 }
81
```

```
"C:\vira\practical 14\practical 14.exe"
Welcome To National Bank Of Bharat
Enter PIN :8888
Login Successful
=====ATM MENU=====
1. Withdraw
2. Deposit
3. Check Balance
4. Exit
=====
Enter Choice :1

=====
Enter The Amount To Withdraw :600.15
Withdrawl Successful !
Remaining Balance :4399.85
=====
=====ATM MENU=====
1. Withdraw
2. Deposit
3. Check Balance
4. Exit
=====
Enter Choice :2

=====
Enter The Amount To Deposit :6000.85
Deposit Successful !
Current Balance :10400.70
=====
=====ATM MENU=====
1. Withdraw
2. Deposit
3. Check Balance
4. Exit
=====
Enter Choice :3

=====
Current Balance :10400.70
=====
=====ATM MENU=====
1. Withdraw
2. Deposit
3. Check Balance
4. Exit
=====
Enter Choice :6

=====
Enter a Valid Choice
=====
=====ATM MENU=====
1. Withdraw
2. Deposit
3. Check Balance
4. Exit
=====
Enter Choice :4

=====
Thank You ! For using our service
```

```
"C:\vira\practical 14\practical 14.exe"
=====ATM MENU=====
1. Withdraw
2. Deposit
3. Check Balance
4. Exit
=====
Enter Choice :6

=====
Enter a Valid Choice
=====
=====ATM MENU=====
1. Withdraw
2. Deposit
3. Check Balance
4. Exit
=====
Enter Choice :4

=====
Thank You ! For using our service
=====
Process returned 4 (0x4)   execution time : 81.391 s
Press any key to continue.
_
```

