

Name ⇒ Farhan Ali

ID ⇒ 12761

Degree ⇒ Bs (Telecom)

Course ⇒ Programming Fundamentals

Assig # 1

Submitted to

Dr Fazal-e-Malik.

(Q1) using do while loop, write a program that will do banking transaction as per big-----

Sol

1. /*
2. * C Program to Display The ATM Transaction
3. */
4. #include <stdio.h>
5. {
6. unsigned long amount = 1000, deposit, withdraw;
7. int choice, pin, k;
8. char transaction = 'y';
- 9.
10. void main ()
11. {
12. while (pin != 1520
13. {
14. Print (" ENTER YOUR SECRET PIN NUMBER:");
15. scanf ("%d", &pin);
16. if (pin != 1520)

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17. printf("PLEASE ENTER VALID PASSWORD\n");
18. }
19. do
20. {
21.     Print ("*****welcome to ATM Service*****\n");
22.     printf("1. check Balance\n");
23.     printf("2. withdraw cash\n");
24.     printf("3. Deposit cash\n");
25.     printf("4. quit\n");
26.     printf("*****?*****?\n\n");
27.     printf("Enter your choice");
28.     scanf("%d", &choice);
29.     {
30.         case 1:
31.             printf("\n YOUR BALANCE IN RS :% 1u amount");
32.             Break;
33.         case 2:
34.             printf("\n ENTER THE AMOUNT TO WITHDRAW");
35.             scanf("% 1u", &withdraw);
36.             if (withdraw % 100 != 0)
37.                 {
38.

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40. printf ("\n PLEASE ENTER THE AMOUNT IN MULTIPLES OF 100");
    }
41. else if (withdraw > (amount - 500))
42. {
43.
44.     printf ("\n INSUFFICIENT BALANCE");
45.     }
46.     else
47.     {
48.         amount = amount - withdraw;
49.         printf ("\n PLEASE COLLECT CASH");
50.         printf ("\n YOUR CURRENT BALANCE IS %d", amount);
51.     }
52.     Break.
53.
54. Case 3:
55.     printf ("\n ENTER THE AMOUNT TO DEPOSIT");
56.     scanf ("%d", &deposit);
57.     amount = amount + deposit;
58.     printf ("YOUR BALANCE IS %d", amount);
59.     Break;
60.
61. Case 4:
62.     printf ("\n THANKU USING ATM");
63.     Break;

```

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61. default:
62.
63.     printf("Invalid choice");
64.     }
65.     printf("\n\n Do u wish to have another transaction? (Y/N)");
66.     fflush(stdin);
67.     scanf("%c", & transaction);
68.     if (transaction == 'n' || transaction == 'N')
69.         k = 1;
70.     } while (!k);
71.     printf("\n\n THANK FOR USING OUT ATM SERVICE");
72.     }
```