

**NAME**

**FAREEHA JEHANGIRI**

**ID#**

**16051**

**SECTION#**

**A**

**DEPARTEMENT**

**BS (SE)**

**ASSIGNMENT**

**PROGRAMMING FUNDAMENTAL**

**EXAM**

**SUMMER 2020**

**INSTRUCTOR**

**DR FAZAL E MALIK**

# QUESTION

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

## ANSWER/OUTPUT

```
1 #include <stdio.h>
2
3 int balance=1000, withdraw;
4 int choice, s;
5 char trans = █;
6 int f=1;
7
8 main()
9 {
10     while (f<=1)
11     {
12         printf("FAREEHA JEHANGIRI 16051:\n");
13         printf("Welcome To AWESOME BANK:\n\n");
14         f=f+1;
15     }
16     do
17     {
18         printf("What Do You Want To Do:\n");
19         printf("[1]. Withdraw Cash\n");
20         printf("[2]. Balance Inquiry\n");
21         printf("[3]. Quit\n\n");
22
23         printf("Please Enter Your Choice: ");
```

```
FAREEHA JEHANGIRI 16051:
Welcome To AWESOME BANK:

What Do You Want To Do:
[1]. Withdraw Cash
[2]. Balance Inquiry
[3]. Quit

Please Enter Your Choice: 1

Please Enter The Amount In PKR: 1500

INSUFFICIENT BALANCE TRY AGAIN:

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

Compiler Resources Compile Log Debug Find Results Close

```

1 #include <stdio.h>
2
3 int balance=1000, withdraw;
4 int choice, s;
5 char trans = █;
6 int f=1;
7
8 main()
9 {
10     while (f<=1)
11     {
12         printf("FAREEHA JEHANGIRI 16051:\n");
13         printf("Welcome To AWESOME BANK:\n\n");
14         f=f+1;
15     }
16     do
17     {
18         printf("What Do You Want To Do:\n");
19         printf("[1]. Withdraw Cash\n");
20         printf("[2]. Balance Inquiry\n");
21         printf("[3]. Quit\n\n");
22
23         printf("Please Enter Your Choice: ");

```

FAREEHA JEHANGIRI 16051:

Welcome To AWESOME BANK:

What Do You Want To Do:

[1]. Withdraw Cash

[2]. Balance Inquiry

[3]. Quit

Please Enter Your Choice: 1

Please Enter The Amount In PKR: 400

Thank You For Transaction , Your Balance is600

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

Compiler Resources Compile Log Debug Find Results Close

LibriCompilation

```
1 #include <stdio.h>
2
3 int balance=1000, withdraw;
4 int choice, s;
5 char trans = " ";
6 int f=1;
7
8 main()
9 {
10     while (f<=1)
11     {
12         printf("FAREEHA JEHANGIRI 16051:\n");
13         printf("Welcome To AWESOME BANK:\n\n");
14         f=f+1;
15     }
16     do
17     {
18         printf("What Do You Want To Do:\n");
19         printf("[1]. Withdraw Cash\n");
20         printf("[2]. Balance Inquiry\n");
21         printf("[3]. Quit\n\n");
22
23         printf("Please Enter Your Choice: ");
```

FAREEHA JEHANGIRI 16051:

Welcome To AWESOME BANK:

What Do You Want To Do:

[1]. Withdraw Cash

[2]. Balance Inquiry

[3]. Quit

Please Enter Your Choice: 2

YOUR BALANCE IN Rs : 1000

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



```

1 #include <stdio.h>
2
3 int balance=1000, withdraw;
4 int choice, s;
5 char trans = █;
6 int f=1;
7
8 main()
9 {
10     while (f<=1)
11     {
12         printf("FAREEHA JEHANGIRI 16051:\n");
13         printf("Welcome To AWESOME BANK:\n\n");
14         f=f+1;
15     }
16     do
17     {
18         printf("What Do You Want To Do:\n");
19         printf("[1]. Withdraw Cash\n");
20         printf("[2]. Balance Inquiry\n");
21         printf("[3]. Quit\n\n");
22
23         printf("Please Enter Your Choice: ");

```

```

FAREEHA JEHANGIRI 16051:
Welcome To AWESOME BANK:






What Do You Want To Do:
[1]. Withdraw Cash
[2]. Balance Inquiry
[3]. Quit

Please Enter Your Choice: 3

THANK FOR USING OUR SERVICES

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

```

 Compiler
  Resources
  Compile Log
  Debug
  Find Results
  Close

Abad: Compilation

FAREEHA JEHANGIRI 16051:

Welcome To AWESOME BANK:

What Do You Want To Do:

- [1]. Withdraw Cash
- [2]. Balance Inquiry
- [3]. Quit

Please Enter Your Choice: 1

Please Enter The Amount In PKR: 600

Thank You For Transaction , Your Balance is400

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

Y

What Do You Want To Do:

- [1]. Withdraw Cash
- [2]. Balance Inquiry
- [3]. Quit

Please Enter Your Choice: 2

YOUR BALANCE IN Rs : 400

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

Y

What Do You Want To Do:

- [1]. Withdraw Cash
- [2]. Balance Inquiry
- [3]. Quit

Please Enter Your Choice: 3

THANK FOR USING OUR SERVICES

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

```
#include <stdio.h>
```

```
int balance=1000, withdraw;
```

```
int choice, s;
```

```
char trans = ' ';
```

```
int f=1;
```

```
main()
```

```
{
```

```
    while (f<=1)
```

```
    {
```

```
        printf("FAREEHA JEHANGIRI 16051:\n");
```

```
        printf("Welcome To AWESOME BANK:\n\n");
```

```
        f=f+1;
```

```
    }
```

```
    do
```

```
    {
```

```
        printf("What Do You Want To Do:\n");
```

```
        printf("[1]. Withdraw Cash\n");
```

```
        printf("[2]. Balance Inquiry\n");
```

```
        printf("[3]. Quit\n\n");
```

```
        printf("Please Enter Your Choice: ");
```

```
printf("Please Enter Your Choice: ");
scanf("%d", &choice);
switch (choice)
{
case 1:
    printf("\n Please Enter The Amount In PKR: ");
    scanf("%lu", &withdraw);
    if (withdraw > 1000)
    {
        printf("\n INSUFFICIENT BALANCE TRY AGAIN:");
    }
    else
    {
        balance = balance - withdraw;
        printf("\n Thank You For Transaction , Your Balance is%lu ", balance);
    }
    break;
case 2:
    printf("\n YOUR BALANCE IN Rs : %lu ", balance);
    break;
case 3:
    printf("\n THANK FOR USING OUR SERVICES");
    break;
```



```
case 2:
    printf("\n YOUR BALANCE IN Rs : %lu ", balance);
    break;
case 3:
    printf("\n THANK FOR USING OUR SERVICES");
    break;
default:
    printf("\n INVALID");
}
printf("\n\n\n Do You Want To Exit Transaction?(Y/N): \n");
fflush(stdin);
scanf("%c", &trans);
if (trans == 'Y' || trans == 'y')
    s = 1;
} while (!s);
printf("\n\n Thanks For Using Our Services");
```

*ENR*