

NAME	MUHAMMAD JUNAID
ID#	16027
SECTION	A
DEPARTEMENT	BS (SE)
ASSIGNMENT	PROGRAMMING FUNDAMENTAL

SUBMITTED TO:

DR FAZAL E MALIK

QUESTION

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

ANSWER

1)

```
1 #include <stdio.h>
2 //NAME MUAHAMMAD JUNAID
3 //ID# 16027
4 //BS SOFTWARE ENGINEERING
5 //ASSIGNMENT C++
6
7 int amount=1000, wd;
8 int choice, s;
9 char trans = 'y';
10 int j=1;
11 main()
12 {
13     while (j<=1)
14     {
15         printf("MUHAMMAD JUNAID ID# 16027:\n");
16         printf("Welcome To AWESOME BANK:\n\n");
17         j=j+1;
18     }
19     do
20     {
21         printf("What Do You Want To Do:\n");
22         printf("1 = Withdraw Cash\n");
23         printf("2 = Balance Inquiry\n");
24         printf("3 = Quit\n\n");
25
26         printf("Please Enter Your Choice: ");
27         scanf("%d", &choice);
28         switch (choice)
```

```
MUHAMMAD JUNAID ID# 16027:
Welcome To AWESOME BANK:

What Do You Want To Do:
1 = Withdraw Cash
2 = Balance Inquiry
3 = Quit

Please Enter Your Choice:
```

Compiler Resources Compile Log Debug Find Results Close

2)

```
1 #include <stdio.h>
2 //NAME MUAHAMMAD JUNAID
3 //ID# 16027
4 //BS SOFTWARE ENGINEERING
5 //ASSIGNMENT C++
6
7 int amount=1000, wd;
8 int choice, s;
9 char trans = 'y';
10 int j=1;
11 main()
12 {
13     while (j<=1)
14     {
15         printf("MUHAMMAD JUNAID ID# 16027:\n");
16         printf("Welcome To AWESOME BANK:\n\n");
17         j=j+1;
18     }
19     do
20     {
21         printf("What Do You Want To Do:\n");
22         printf("1 = Withdraw Cash\n");
23         printf("2 = Balance Inquiry\n");
24         printf("3 = Quit\n\n");
25
26         printf("Please Enter Your Choice: ");
27         scanf("%d", &choice);
28         switch (choice)
```

```
MUHAMMAD JUNAID ID# 16027:
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 Show Again?(y/n):
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation <

3)

```
1 #include <stdio.h>
2 //NAME MUAHAMMAD JUNAID
3 //ID# 16027
4 //BS SOFTWARE ENGINEERING
5 //ASSIGNMENT C++
6
7 int amount=1000, wd;
8 int choice, s;
9 char trans = 'y';
10 int j=1;
11 main()
12 {
13     while (j<=1)
14     {
15         printf("MUHAMMAD JUNAID ID# 16027\n");
16         printf("Welcome To AWESOME BANK:\n");
17         j=j+1;
18     }
19     do
20     {
21         printf("What Do You Want To Do:\n");
22         printf("1 = Withdraw Cash\n");
23         printf("2 = Balance Inquiry\n");
24         printf("3 = Quit\n\n");
25
26         printf("Please Enter Your Choice: ");
27         scanf("%d", &choice);
28         switch (choice)
```

```
MUHAMMAD JUNAID ID# 16027:
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: 200
Thank You For Transaction , Your Balance is800
Do You Want To Show Again?(y/n):
```

Compiler Resources Compile Log Debug Find Results

4)

```
#include <stdio.h>
//NAME MUAHAMMAD JUNAID
//ID# 16027
//BS SOFTWARE ENGINEERING
//ASSIGNMENT C++

int amount=1000, wd;
int choice, s;
char trans = 'y';
int j=1;
main()
{
    while (j<=1)
    {
        printf("MUHAMMAD JUNAID ID# 16027:\n");
        printf("Welcome To AWESOME BANK:\n\n");
        j=j+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: ");
        scanf("%d", &choice);
        switch (choice)
```

```
MUHAMMAD JUNAID ID# 16027:
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 Show Again?(y/n):
```

Compiler Resources Compile Log Debug Find Results Close

5)

```
1 #include <stdio.h>
2 //NAME MUAHAMMAD JUNAID
3 //ID# 16027
4 //BS SOFTWARE ENGINEERING
5 //ASSIGNMENT C++
6
7 int amount=1000, wd;
8 int choice, s;
9 char trans = 'y';
10 int j=1;
11 main()
12 {
13     while (j<=1)
14     {
15         printf("MUHAMMAD JUNAID ID# 16027:\n");
16         printf("Welcome To AWESOME BANK:\n\n");
17         j=j+1;
18     }
19     do
20     {
21         printf("What Do You Want To Do:\n");
22         printf("1 = Withdraw Cash\n");
23         printf("2 = Balance Inquiry\n");
24         printf("3 = Quit\n\n");
25
26         printf("Please Enter Your Choice: ");
27         scanf("%d", &choice);
28         switch (choice)
```

```
MUHAMMAD JUNAID ID# 16027:
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 Show Again?(y/n):
```

```
MUHAMMAD JUNAID ID# 16027:
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: 300

Thank You For Transaction , Your Balance is700

Do You Want To Show Again?(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 : 700

Do You Want To Show Again?(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 Show Again?(y/n):
```

7)

```
#include <stdio.h>
//NAME MUAHAMMAD JUNAID
//ID# 16027
//BS SOFTWARE ENGINEERING
//ASSIGNMENT C++

int amount=1000, wd;
int choice, s;
char trans = 'y';
int j=1;
main()
{
    while (j<=1)
    {
        printf("MUHAMMAD JUNAID ID# 16027:\n");
        printf("Welcome To AWESOME BANK:\n\n");
        j=j+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: ");
        scanf("%d", &choice);
    }
```

```
switch (choice)
{
case 1:
    printf("\n Please Enter The Amount In PKR: ");
    scanf("%lu", &wd);
    if (wd > 1000)
    {
        printf("\n INSUFFICIENT BALANCE TRY AGAIN:");
    }
    else
    {
        amount = amount - wd;
        printf("\n Thank You For Transaction , Your Balance is%lu ", amount);
    }
    break;
case 2:
    printf("\n YOUR BALANCE IN Rs : %lu ", amount);
    break;
case 3:
    printf("\n THANK FOR USING OUR SERVICES");
    break;
default:
    printf("\n INVALID");
}
printf("\n\n\n Do You Want To Show Again?(y/n): \n");
fflush(stdin);
scanf("%c", &trans);
if (trans == 'n' || trans == 'N')
s = 1;
```