NAME MUHAMMAD JUNAID

ID# 16027

SECTION A

DEPARTEMENT BS (SE)

ASSIGNMENT PROGRAMMING FUNDAMENTAL

SUBMITTED TO:

PR 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>
                                                          Welcome To AWESOME BANK:
2 //NAME MUAHAMMAD JUNAID
3
   //ID# 16027
                                                          What Do You Want To Do:
                                                           1 = Withdraw Cash
2 = Balance Inquiry
4
    //BS SOFTWARE ENGINEERING
 5
    //ASSIGNMENT C++
                                                           3 = Quit
6
7
    int amount=1000, wd;
                                                          Please Enter Your Choice:
8
     int choice, s;
9
     char trans = y;
    int j=1;
10
11
     main()
12 □ {
13
         while (j \le 1)
14日
         1
15
             printf("MUHAMMAD JUNAID ID# 16027:\n");
             printf("Welcome To AWESOME BANK:\n\n");
16
17
             j=j+1;
18
19
         do
20日
21
             printf("What Do You Want To Do:\n");
             printf("1 = Withdraw Cash\n");
22
             printf("2 = Balance Inquiry\n");
23
             printf("3 = Quit\n\n");
24
25
26
             printf("Please Enter Your Choice: ");
             scanf("%d", &choice);
27
             switch (choice)
🔐 Compiler 🍓 Resources 🋍 Compile Log 🥒 Debug 🗓 Find Results 🕷 Close
   <
```

```
MUHAMMAD JUNAID ID# 16027:
Welcome To AWESOME BANK:
1
     #include <stdio.h>
     //NAME MUAHAMMAD JUNAID
 2
     //ID# 16027
 3
                                                               What Do You Want To Do:
    //BS SOFTWARE ENGINEERING
                                                               1 = Withdraw Cash
2 = Balance Inquiry
 5
     //ASSIGNMENT C++
 6
                                                               3 = Quit
     int amount=1000, wd;
 7
                                                               Please Enter Your Choice: 1
 8
     int choice, s;
     char trans = 'y';
9
                                                               Please Enter The Amount In PKR: 1500
     int j=1;
10
11
     main()
                                                                INSUFFICENT BALANCE TRY AGAIN:
12 □ {
13
         while (j \le 1)
                                                               Do You Want To Show Again?(y/n):
14 🖨
              printf("MUHAMMAD JUNAID ID# 16027:\n");
15
16
              printf("Welcome To AWESOME BANK:\n\n");
17
              j=j+1;
18
19
          do
20 🖨
              printf("What Do You Want To Do:\n");
21
22
              printf("1 = Withdraw Cash\n");
              printf("2 = Balance Inquiry\n");
23
24
              printf("3 = Quit\n\n");
25
26
              printf("Please Enter Your Choice: ");
              scanf("%d", &choice);
27
28
              switch (choice)
🔐 Compiler 🍓 Resources 🋍 Compile Log 🤣 Debug 🚨 Find Results 🎕 Close
                  <
```

```
3)
```

```
MUHAMMAD JUNAID ID# 16027:
1 #include <stdio.h>
                                              Welcome To AWESOME BANK:
2 //NAME MUAHAMMAD JUNAID
  //ID# 16027
                                              What Do You Want To Do:
   //BS SOFTWARE ENGINEERING
                                              1 = Withdraw Cash
5
                                              2 = Balance Inquiry
   //ASSIGNMENT C++
                                              3 = Quit
    int amount=1000, wd;
7
                                              Please Enter Your Choice: 1
8
    int choice, s;
9
    char trans = y;
                                               Please Enter The Amount In PKR: 200
10
    int j=1;
11
    main()
                                               Thank You For Transaction , Your Balance is800
L2 ₽ {
13
        while (j<=1)
                                               Do You Want To Show Again?(y/n):
L4 🛱
        1
            printf("MUHAMMAD JUNAID ID# 1602]
15
            printf("Welcome To AWESOME BANK:
16
17
            j=j+1;
18
19
        do
20 🖨
            printf("What Do You Want To Do:\
21
            printf("1 = Withdraw Cash\n");
22
            printf("2 = Balance Inquiry\n");
23
            printf("3 = Quit\n\n");
24
25
26
            printf("Please Enter Your Choice
27
            scanf("%d", &choice);
8
            switch (choice)
Compiler দ Resources 🛍 Compile Log 🧳 Debug 🗓 Find Resu
     <
```

```
4)
```

```
#include <stdio.h>
                                                       MUHAMMAD JUNAID ID# 16027:
//NAME MUAHAMMAD JUNAID
                                                       Welcome To AWESOME BANK:
//ID# 16027
                                                       What Do You Want To Do:
//BS SOFTWARE ENGINEERING
                                                       1 = Withdraw Cash
2 = Balance Inquiry
//ASSIGNMENT C++
                                                       3 = Quit
int amount=1000, wd;
                                                       Please Enter Your Choice: 2
int choice, s;
char trans = y;
                                                        YOUR BALANCE IN Rs : 1000
int j=1;
main()
1
                                                        Do You Want To Show Again?(y/n):
     while (j \le 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)
ompiler দ Resources 🛍 Compile Log 🧳 Debug 🖳 Find Results 🕷 Close
```

```
5)
```

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

```
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):
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):
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()
1
    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);
```

```
3)
```

```
switch (choice)
case 1:
   printf("\n Please Enter The Amount In PKR: ");
   scanf("%lu", &wd);
   if (wd > 1000)
        printf("\n INSUFFICENT 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);
case 3:
    printf("\n THANK FOR USING OUR SERVICES");
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 == 'W')
s = 1;
```