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program :: B-s Telecom

Assignment of 20 marks

programming fundamental.

3

10 using a do while loop, write a program that will do banking transactions as per figure below.

- Figure 4 show when

- File stdlib.h

Solution:

```
#include <stdio.h>  
using long amount = 1000;
```

```
deposit, withdraw;
```

```
int choice, pin, k;
```

```

char transaction = 'y';
void main()

```

```

{
while (pin != 1520)
{
printf("Enter your secret pin number:");
scanf("%d", &pin);
if (pin != 1520)

```

```

printf("Pleas Enter a valued password\n");
}
do

```

```

{
printf("****Welcome to ATM service****\n");

```

```

printf("1. Check Balana\n");

```

```

printf("2. withdraw cash\n");

```

```

printf("3. Deposit cash\n");

```

```

printf("4. Quit\n");
}
}

```

③

```
printf( ****!n/n");
```

```
printf("Enter your choice: ");
```

```
scanf("%d", & your choice: );
```

```
switch (choice)
```

```
{
```

```
    case 1:
```

```
        printf("In your Balance in Rs: %16",  
              amount);
```

```
        break;
```

```
    case 2
```

```
        printf("\n Enter the amount to withdraw  
              );
```

```
        scanf("%d", & withdraw);
```

```
        if (withdraw % 100 != 0)
```

```
        {
```

```
            printf("\n Please Enter the
```

```
            amount in multiple of 100);
```

```

} else if (withdraw > (amount - 500))
{
    printf("\n insufficient Balance");
}
else
{
    amount = amount - withdraw
    printf("\n\n please collect cash");
    printf("\n your current balance
            is %d", amount);
}
Break

```

Case 3

```

printf("\n Enter the amount To
deposit");

```

⑤

```
scanf ("%lu", & deposit);  
amount = amount + deposit;  
printf ("your Blance is %lu", amount);  
break
```

Case 4

```
printf ("\n Thank u using ATM");  
break
```

default:

```
} printf ("\n invalid choice");  
printf ("\n\n\n Do u wish To have  
another Transection? (y/n); \n");  
fflush (stdin);  
scanf ("%c", & transaction);  
if (transaction == (n) || transaction == 'n')
```

6

k = 1;

} while (k);

printf ("In In Thank For using out
ATM service".);