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## PPS MINI PROJECT

### ATM MACHINE TRANSACTION

## Code :

```
#include <stdio.h>

long amount=1000, deposit, withdraw;

int choice, pin, k;

char transaction ='y';

void main ()

{

while (pin !=2022)

{

printf("ENTER YOUR SECRET PIN NUMBER:");

scanf("%d", &pin);

if (pin !=2022)

printf("PLEASE ENTER VALID PASSWORD\n");

}

do

{

printf("*****Welcome to ATM Service*****\n");

printf("1. Check Balance\n");
```

```
printf("2. Withdraw Cash\n");
printf("3. Deposit Cash\n");
printf("4. Quit\n");
printf("Enter your choice: ");
scanf("%d", &choice);
switch (choice)
{
    case 1:
        printf("\n YOUR BALANCE IN Rs : %lu ", amount);
        break;
    case 2:
        printf("\n ENTER THE AMOUNT TO WITHDRAW: ");
        scanf("%lu", &withdraw);
        if (withdraw % 100 != 0)
        {
            printf("\n PLEASE ENTER THE AMOUNT IN MULTIPLES 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 INR%lu", amount);
        }
        break;
    case 3:
        printf("\n ENTER THE AMOUNT TO DEPOSIT");
        scanf("%lu", &deposit);
```

```
amount = amount + deposit;  
printf("YOUR BALANCE IS %lu", amount);  
break;  
case 4:  
printf("\n THANK U USING ATM");  
break;  
default:  
printf("\n INVALID CHOICE");  
}  
printf("\n\n DO U WISH TO HAVE ANOTHER TRANSCATION?(y/n): \n");  
fflush(stdin);  
scanf("%c", &transaction);  
if (transaction == 'n' || transaction == 'N')  
k = 1;  
} while (!k);  
printf("\n\n THANKS FOR USING OUT ATM SERVICE");  
}
```

# Output :

The screenshot shows a C programming environment with the following details:

- File:** main.c
- Code:**

```
1 #include <stdio.h>
2 long amount=1000, deposit, withdraw;
3 int choice, pin, k;
4 char transaction ='y';
5 void main ()
6 {
7 while (pin !=2022)
8 {
9 printf("ENTER YOUR SECRET PIN NUMBER:");
10 scanf("%d", &pin);
11 if (pin !=2022)
12 printf("PLEASE ENTER VALID PASSWORD\n");
13 }
14 do
15 {
16 printf("*****Welcome to ATM Service*****\n");
17 printf("1. Check Balance\n");
18 printf("2. Withdraw Cash\n");
19 printf("3. Deposit Cash\n");
20 printf("4. Quit\n");
21 printf("Enter your choice: ");
22 scanf("%d", &choice);
23 switch (choice)
24 {
25 case 1:
```
- Run Tab:** The Run tab is selected.
- Output:**

```
ENTER YOUR SECRET PIN NUMBER:2022
*****Welcome to ATM Service*****
1. Check Balance
2. Withdraw Cash
3. Deposit Cash
4. Quit
Enter your choice: 3
ENTER THE AMOUNT TO DEPOSIT5000
YOUR BALANCE IS 6000

DO U WISH TO HAVE ANOTHER TRANSCATION?(y/n):
*****Welcome to ATM Service*****
1. Check Balance
2. Withdraw Cash
3. Deposit Cash
4. Quit
Enter your choice: n
ENTER THE AMOUNT TO DEPOSITYOUR BALANCE IS 11000

DO U WISH TO HAVE ANOTHER TRANSCATION?(y/n):
THANKS FOR USING OUT ATM SERVICE
```