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PPS MINI PROJECT

ATM MACHINE TRANSACTION

Code :

```
#include <stdio.h>

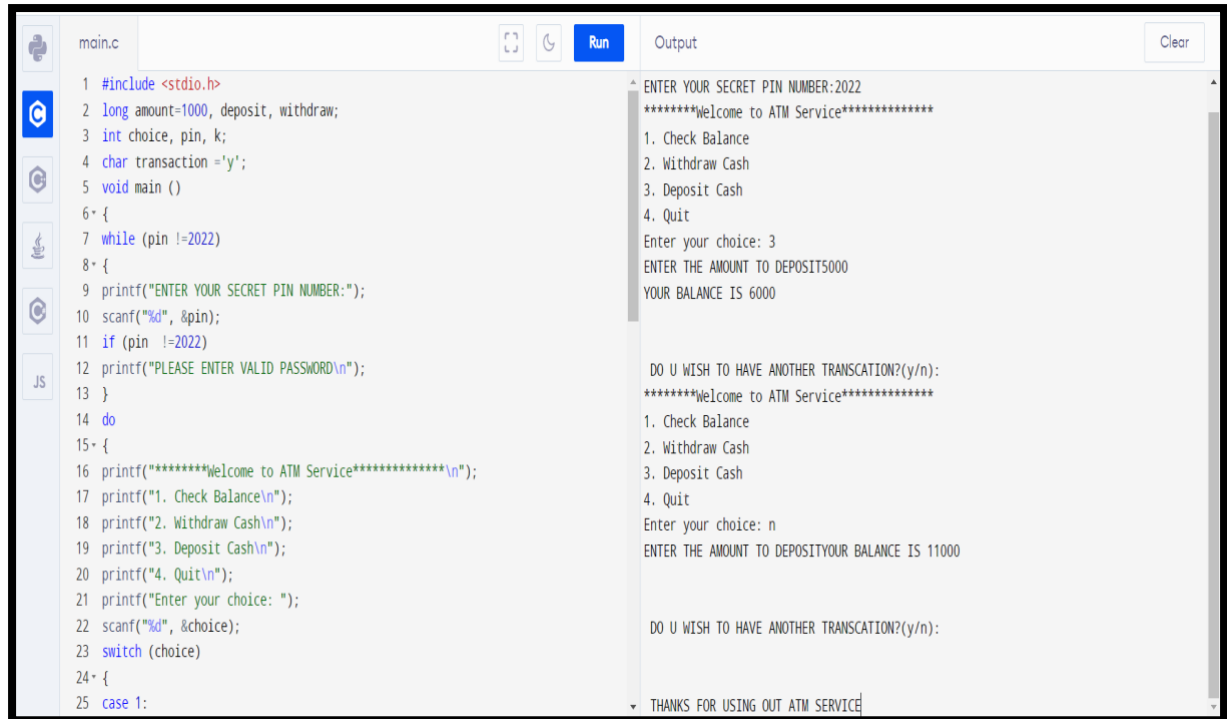
long amount=1000, deposit, withdraw;
int choice, pin, k;
char transaction ='y';

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 image shows a screenshot of a C program running in an IDE. The left pane displays the source code for `main.c`, and the right pane shows the program's output.

Source Code (main.c):

```
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:
```

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
```