ATM MACHINE C PROJECT

NAME: GOTHAVARI V

ROLL NO: RA2111017010003

DEPARTMENT:EIE

TOPIC:ATM MACHINE C PROJECT

KEY FEATURES OF THE ATM MACHINE PROJECT

- The c program can display the ATM Transaction.
- It has pin verification system to login to ATM Machine.
- User can check balance from this ATM Machine Project.
- User can withdraw cash from ATM Machine.
- User can Deposit cash from ATM Machine.

CODE:

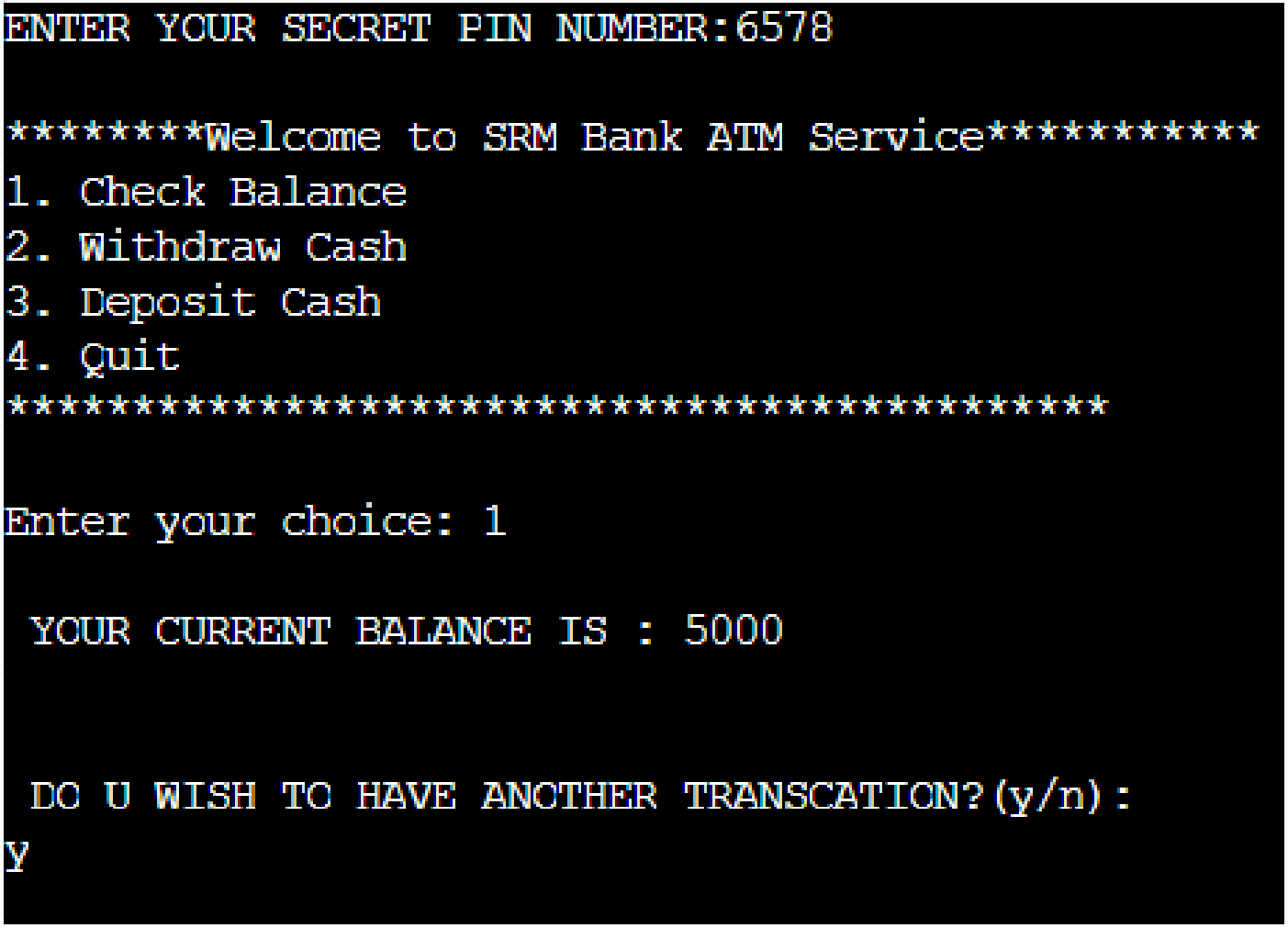
```
#include <stdio.h>
unsigned long amount = 5000, deposit, withdraw;
int choice, pin, k;
char transaction = 'y';
void main(){  while (pin != 6578)
{
   printf("ENTER YOUR SECRET PIN NUMBER:");
   scanf("%d", & pin);
  if (pin != 6578)
  printf("PLEASE ENTER VALID PASSWORD! \a\n");
}
 do
{
  printf("\n********Welcome to SRM Bank ATM Service**********\n");
   printf("1. Check Balance\n");
   printf("2. Withdraw Cash\n");
  printf("3. Deposit Cash\n");
  printf("4. Quit\n");
```

```
printf("*****************************************\n\n");
    printf("Enter your choice: ");
 scanf("%d", & choice);
 switch (choice)
   {
 case 1:      printf("\n YOUR CURRENT BALANCE IS : %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 INSUFFICENT BALANCE");
   }
```

```
else
   {
   amount = amount - withdraw;
     printf("\n\n PLEASE COLLECT CASH");
  printf("\n YOUR CURRENT BALANCE IS %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 YOU FOR USING SRM Bank ATM");
    break;
  default:
```

```
 printf("\n INVALID CHOICE");
   }
printf("\n\n\n DO U WISH TO HAVE ANOTHER TRANSCATION?(y/n):\n");
  scanf("\n%c", & transaction);
   if (transaction == 'n' || transaction == 'N')      k = 1;
 }
while (!k);
  printf("\n\n THANKS FOR USING SRM Bank ATM SERVICE");
}
```

OUTPUT SCREENSHOTS



```
********Welcome to SRM Bank ATM Service***********
1. Check Balance
2. Withdraw Cash
3. Deposit Cash
4. Quit
************************************************

Enter your choice: 2

 ENTER THE AMOUNT TO WITHDRAW: 2000


 PLEASE COLLECT CASH
 YOUR CURRENT BALANCE IS 3000


 DO U WISH TO HAVE ANOTHER TRANSCATION?(y/n):
y
```

```
*********Welcome to SRM Bank ATM Service***********
1. Check Balance
2. Withdraw Cash
3. Deposit Cash
4. Quit
*****************************************

Enter your choice: 3

 ENTER THE AMOUNT TO DEPOSIT :3000
YOUR BALANCE IS 6000


 DO U WISH TO HAVE ANOTHER TRANSCATION?(y/n):
y
```

```
********Welcome to SRM Bank ATM Service**********
1. Check Balance
2. Withdraw Cash
3. Deposit Cash
4. Quit
****************************************

Enter your choice: 4

 THANK YOU FOR USING SRM Bank ATM


 DO U WISH TO HAVE ANOTHER TRANSCATION?(y/n):
n


 THANKS FOR USING SRM Bank ATM SERVICE
```

return
Thank You!