**MINI PROJECT TITLE**

**ATM BANKING**

**C PROGRAM FOR ATM BANKING:**

#include <stdio.h>

unsigned long amount=2000, deposition, withdrawal;

int pin, choice, k;

char transaction ='y';

void main()

{

while (pin != 2025)

{

printf("Type your secret pin number:");

scanf("%d", &pin);

if (pin != 2025)

printf("Please insert your valid password:\n");

}

do

{

printf("Hello! Welcome to our ATM Service\n");

printf("1. Balance Checking\n");

printf("2. Cash Withdrawal\n");

printf("3.Cash Deposition\n");

printf("4. Exit\n");

printf("\*\*\*\*\*\*\*?\*\*\*\*\*\*\*\*?\*\n\n");

printf("Please proceed with your choice: ");

scanf("%d", &choice);

switch (choice)

{

case 1:

printf("\n The account balance in Rs : %lu ", amount);

break;

case 2:

printf("\n Insert the amount to be withdrawal: ");

scanf("%lu", &withdrawal);

if (withdrawal % 100 != 0)

{

printf("\n You are requested to insert the amount in multiples of 100");

}

else if (withdrawal >(amount - 500))

{

printf("\n You are having an insufficient balance");

}

else

{

amount = amount - withdrawal;

printf("\n\n You can now collect the cash");

printf("\n The current balance is%lu", amount);

}

break;

case 3:

printf("\n Insert the amount to be deposited");

scanf("%lu", &deposition);

amount = amount + deposition;

printf("The balance is %lu", amount);

break;

case 4:

printf("\n We are thankful to you for USING our ATM services!");

break;

default:

printf("\n You have made an invalid choice");

}

printf("\n\n\n Would you like to have another ATM transaction?(y/n): \n");

fflush(stdin);

scanf("%c", &transaction);

if (transaction == 'n'|| transaction == 'N')

k = 1;

} while (!k);

printf("\n\n Thank you so much for your time to choose The our ATM services!");

}