#include<stdio.h>

#include<conio.h>

#include<string.h>

int authentication(void);

int deposit();

int withdraw();

void checkbalance(int balance);

int balance=300;

int options;

int receipt;

int main(void)

{

char pipe[5];

int secret;

printf("\n Enter the password \n");

gets(pipe);

if((strcmp(pipe,"1234"))==0)

{

printf("\n Corect Password");

secret=1;

}

else

{

printf("wrong");

}

if (secret)

{

printf("\n Root access is given to the user");

printf("Choose from the following options \n 1.Deposit \n 2.Withdraw \n 3.Check Balance");

scanf("%d", &options);

while(options<=3)

{

switch(options)

{

case 1:

deposit();

break;

case 2:

withdraw(balance);

break;

case 3:

checkbalance(balance);

break;

}

}

printf("Would you like to print a receipt\n");

scanf("%d", &receipt);

}

}

int deposit()

{

int depositAmount;

printf("Enter the amount you like to deposit");

scanf("%d", &depositAmount);

balance += depositAmount;

return balance;

}

int withdraw()

{

int withdrawAmount;

printf("Enter the amount to withdraw");

scanf("%d", &withdrawAmount);

balance -= withdrawAmount;

return balance;

}

void checkbalance(int balance)

{

printf("The available balance is \n", &balance);

}