

Major project

Atm Machine

```
#include<stdio.h>

#include<stdlib.h>


int main()
{

    unsigned long amount=1000,withdraw,deposit;
    int pin,ch,n;


    printf("\n\nEnter your secret number");
    scanf("%d" , &pin);


    do{
        printf("*****Welcome to your ATM***** ");
        printf("\n\n 1. Balance Enquiry \n\n 2. Cash Withdrawal \n\n 3. Deposit Cash \n\n 4.Exit\n\n");
        printf("\n\nEnter your choice");
        scanf("%d", &ch);

        switch(ch){
            case 1: {

                printf("\n\nYour bank balance is: %lu" , amount);
                printf("\n\nDo you want to perform another transaction?");
                printf("\n\n Press 1 to proceed and 2 to exit:");
```

```
scanf("%d" , &n);
```

```
break;
```

```
}
```

case 2:

```
{
```

```
printf("\n\n Please enter amount to withdraw");
```

```
scanf("%lu" , &withdraw);
```

```
if(withdraw % 100 != 0 )
```

```
{
```

```
printf("\n\nEnter the amt to withdraw in multiples of 100");
```

```
}
```

```
else if(withdraw > (amount-500))
```

```
{
```

```
printf("\n\nInsufficient balance");
```

```
}
```

```
else{
```

```
amount = amount - withdraw;
```

```
printf("\n\nPlease collect your cash");
```

```
printf("\n\nYour available Balance is %lu", amount);
```

```
}
```

```
printf("\n\nDo you want to perform another transaction?");
```

```
printf("\n\n Press 1 to proceed and 2 to exit:");
```

```
scanf("%d" , &n);
```

```
break;
```

```
}
```

```
case 3:{
```

```
printf("Please enter amount to deposit");
```

```
scanf("%lu", &deposit);
```

```
amount = amount+deposit;
```

```
printf("Thankyou for depositing, your new balance is : %lu" , amount);
```

```
printf("\n\nDo you want to perform another transaction?");
```

```
printf("\n\n Press 1 to proceed and 2 to exit:");
```

```
scanf("%d" , &n);
```

```
break;
```

```
}
```

```
case 4:{
```

```
printf("Thank you for banking with us have a nice day!!");
```

```
break;
```

```
}
```

```
default : {
```

```
printf("\n INVALID CHOICE");
```

```
break;
```

```
}
```

```
}
```

```
}while(ch<4);
```

```
printf("\n\n THANKS FOR USING OUT ATM SERVICE");
```

```
}
```