

CIS2107

Computer Systems & Low-Level Programming

Lab03. ATM Machine

Lab03: ATM Machine

- Upload .c file (atm.c) to Canvas
 - *Test on cis-linux2 server !!!!*
- Comments at top of the file:
 - Name, Date, Course
 - Homework number (Lab 3 ATM Machine)
 - Statement of problem

How should you handle....

PIN Validation & Initial Balance:

- `#define PIN 3014` outside of main > NO ;

Receipts:

- If User enters “1” for yes just print to the screen “**Receipt printing...**”

How should you handle....

Daily Limits for Withdraw / Deposit:

- Does not need to be carried over from previous runs
- Keep separate running totals for amount withdrawn and amount deposited
- If a withdraw / deposit will go over the limit, do not perform the transaction and output an appropriate error message

Checklist

- Does your program catch 0s and negatives?
 - Are you using *less than or equal to 0* to validate?
- Does a user have only 3 attempts to enter the correct PIN?
 - Does your program call `exit(0)` after attempt 3?
- Can a user only withdraw multiples of 20?

Checklist cont.

- Can a user deposit coins?
 - They should **NOT** be able to!
- Does your program have an exit message with the total number of transactions made?
- Does your program compile and run on the cis-linux2 server?