CIS2107
Computer Systems & Low-Level Programming

Lab03. ATM Machine

Lab03: ATM Machine

- ➢ **DUE: Sunday Sep 15, 11:59 PM**

- ➢ 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 > <mark>NO ;</mark>

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➢ Keep separate running totals for amount withdrawn and amount deposited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?