



Lecture 25: Nothing is as Exciting as Civic Duty and Finance!

(voting example (cont.) and bank accounts example)

Me: "I'm guessing I should
probably have about \$200 left"
bank account: \$2.64 Me:



Announcements and reminders

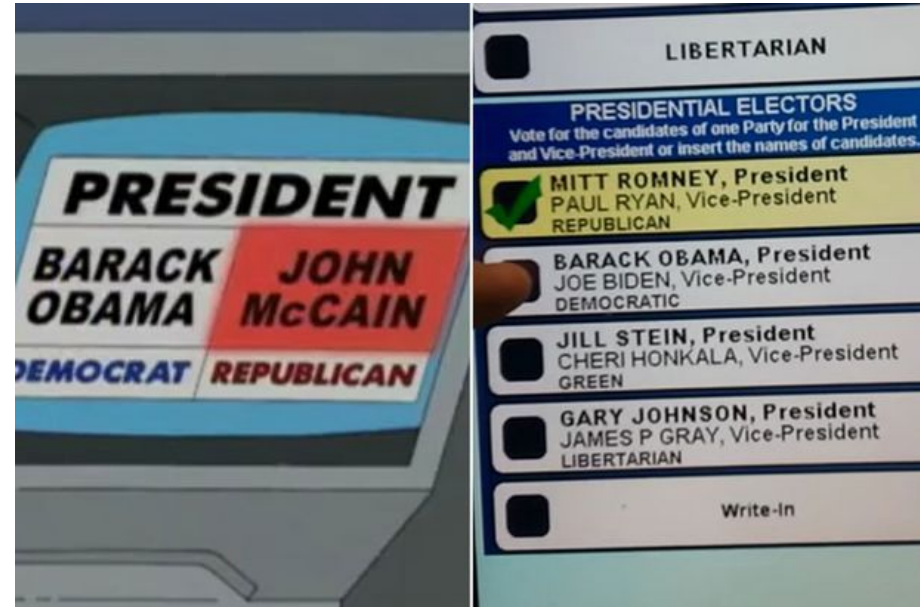
- HW7 posted, due Wednesday March 13, by 11 pm
- Practicum 2 practice problems up ← **do them**
 - Both **MCQ** + **Coderunner**
 - Same rules as Practicum 1 (cheat sheet, Cloud9, etc...)
 - Let your TA know about any conflicts, and **include documentation**

Me: "I'm guessing I should probably have about \$200 left"
bank account: \$2.64 Me:



Let's simulate an election!

Example: Write code to simulate an election.

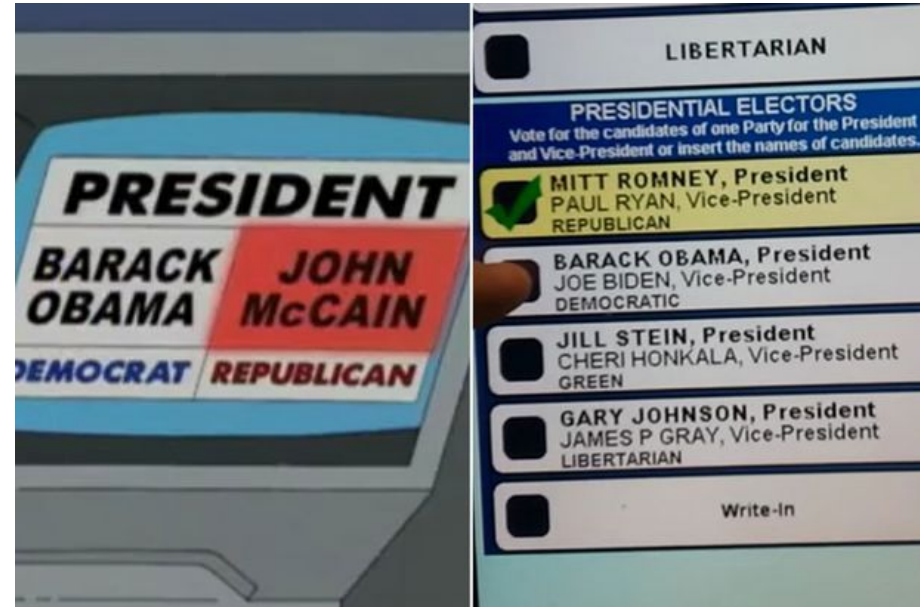


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Example: Write code to simulate an election.

Wait... that's it? Okay....

What do we need to get started?



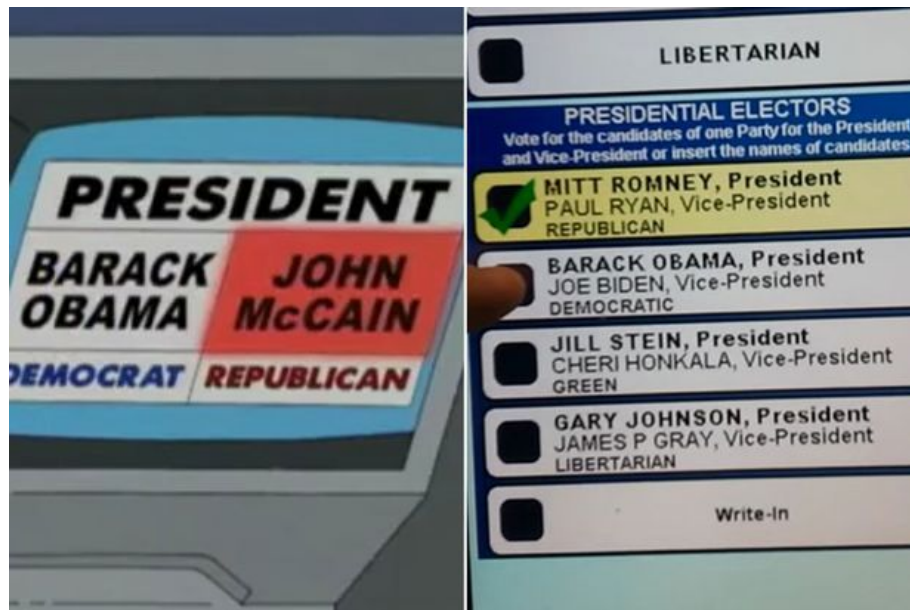
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Example: Write code to simulate an election.

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What do we need to get started?

- Voting machines
- Voting center
- Probabilistic simulation of voter choices



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Example: Write code to simulate an election.

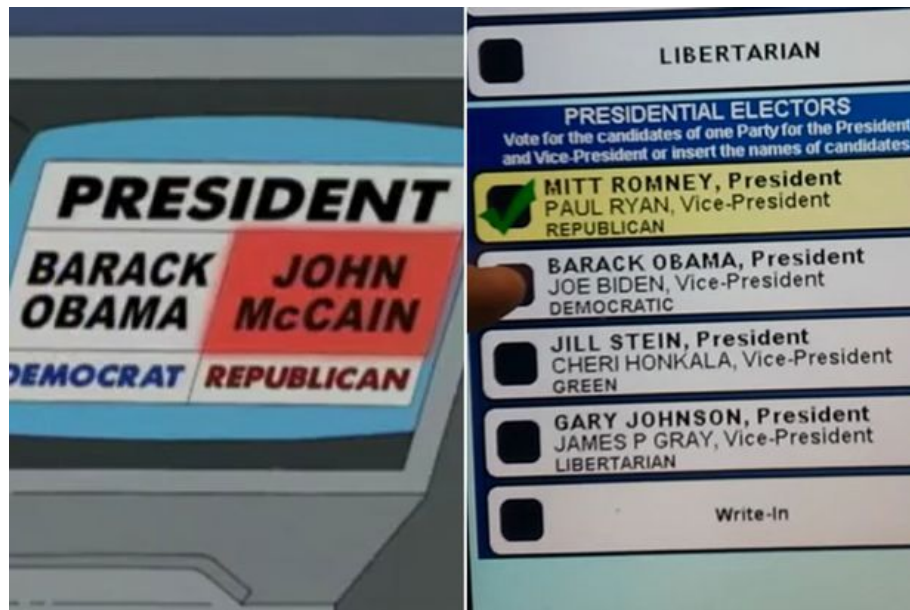
Wait... that's it? Okay....

What do we need to get started?

- Voting machines (**VotingMachine.h**)
- Voting center (**VotingCenter.h**)
- Probabilistic simulation of voter choices
(**testVotingCenter/Machine.cpp**)

→ Classes for voting machines and centers

→ rand() simulation for who votes for what



Let's simulate a bank account!

Example: Write code to simulate a bank account.

What do we need to get started?

When you've got \$9.34 left in your bank account and you have to start practicing being homeless



Let's simulate a bank account!

Example: Write code to simulate a bank account.

What do we need to get started?

- **Constructors** -- default and parameterized?
- **Deposits**
- **Withdrawals** (not withdrawls)
- **Interest**

And - of course! - a driver function to test all our goodies.

→ ***accountDriver.cpp***

When you've got \$9.34 left in your bank account and you have to start practicing being homeless



