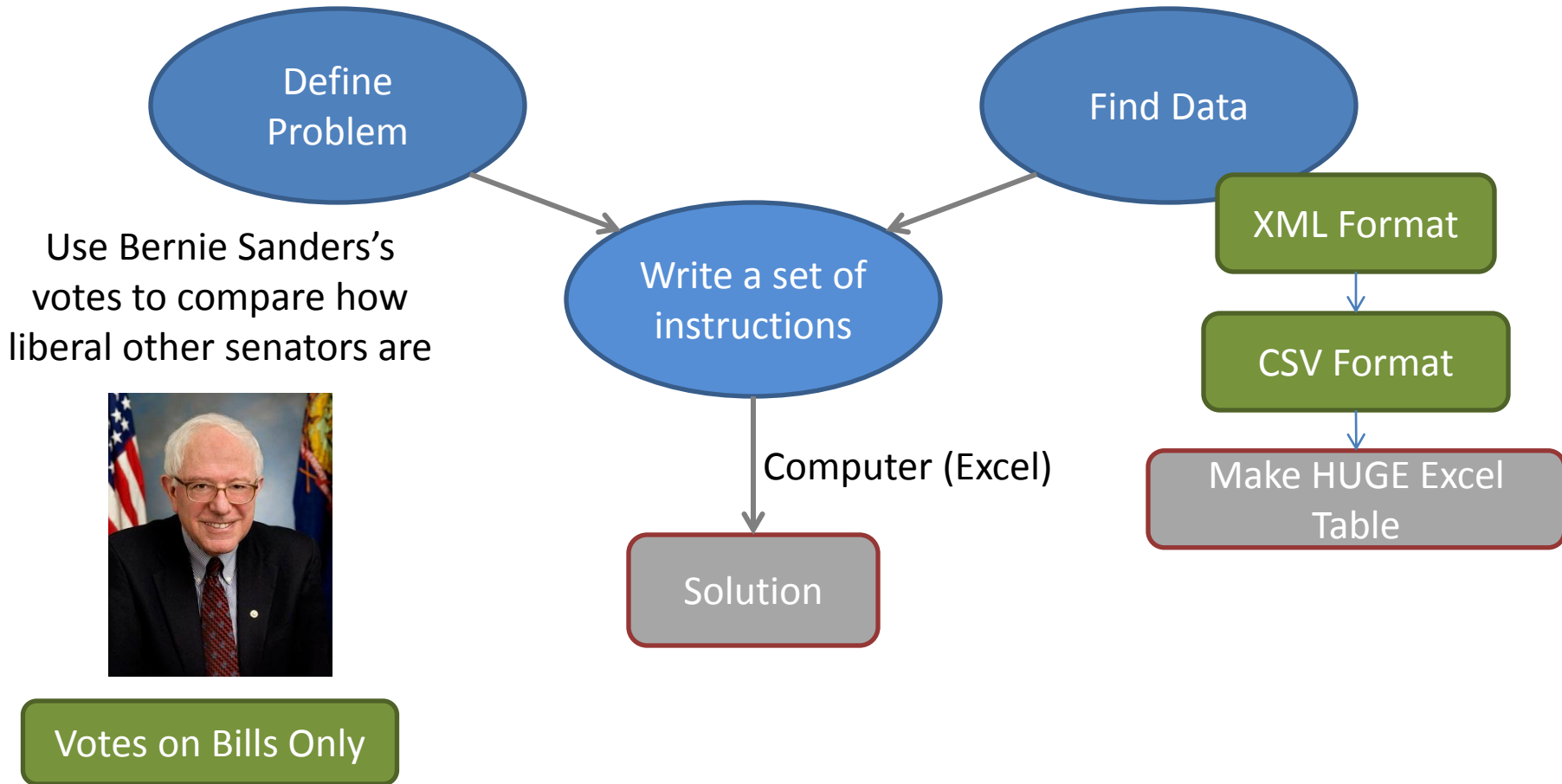


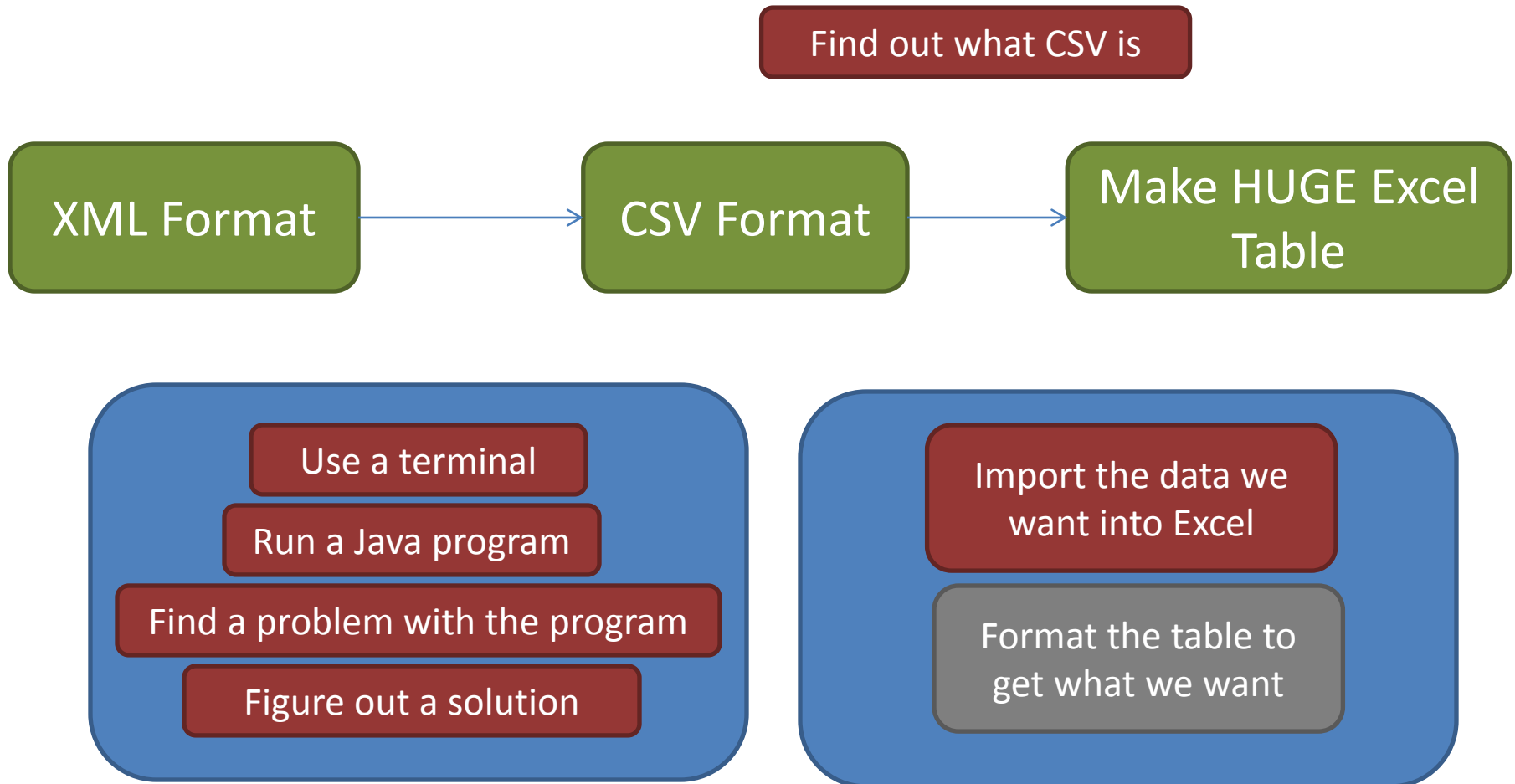
Ranking Senators w/ Bernie Sanders's Votes

Feb 5, 2012

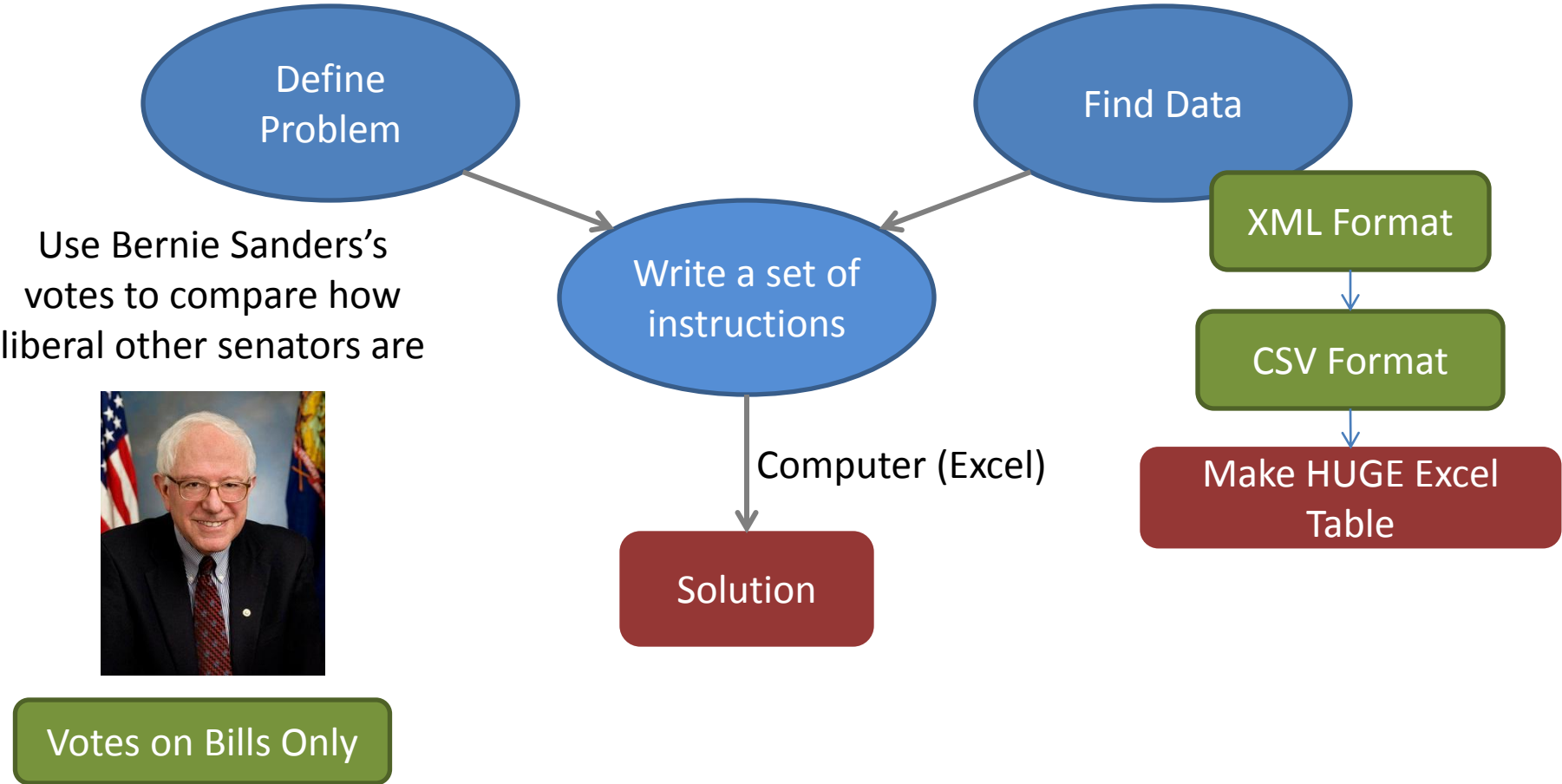
Last Class



Last Class



Today



Excel: `Ctrl` is your friend

Bottommost Cell: `Ctrl` and ↓

Topmost Cell: `Ctrl` and ↑

Rightmost Cell: `Ctrl` and →

Leftmost Cell: `Ctrl` and ←

Pressing `Ctrl` selects each cell you click

`Shift` is your friend too: Pressing `Shift` selects all cells between clicks.

Last Class: Completed Task 3.6

1. Open the spreadsheet from last class.
2. You should have 3,501 rows (Task 3.7)
3. You should have columns through E.

Task 3.8

- We want a unique identifier for the vote of each bill in this congress.
 - Which two columns together make a unique key?

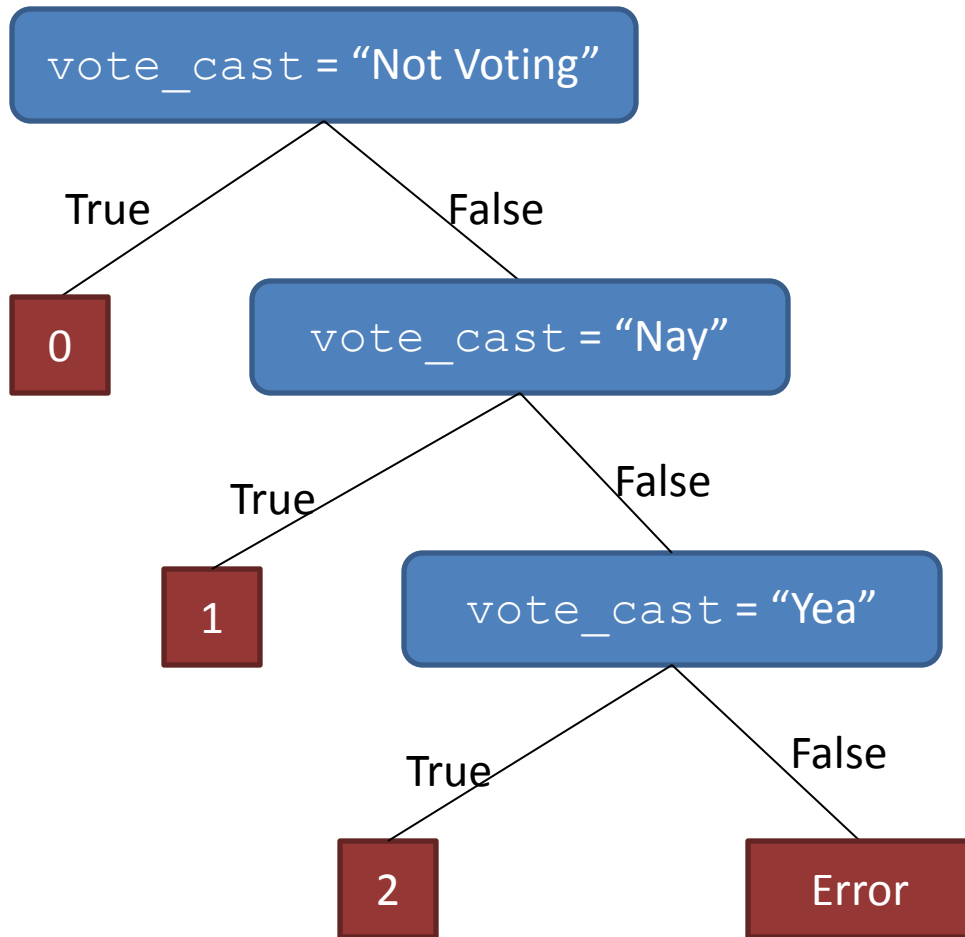
Task 3.9

- Add another column to the table by entering a `vote_id` column in cell F1.
- Write a formula to output `session:vote_number` values for this row.
- Use fill down or copy/paste, if necessary, to apply this formula to all the other rows.

Task 3.10

- Add a `numerical_vote` column in cell G1.
- Write a formula to output:
 - 0 if the senator did not vote
 - 1 if the senator voted `Nay`
 - 2 if the senator voted `Yea`
 - `Error` otherwise

Decision Trees: Graph Representation

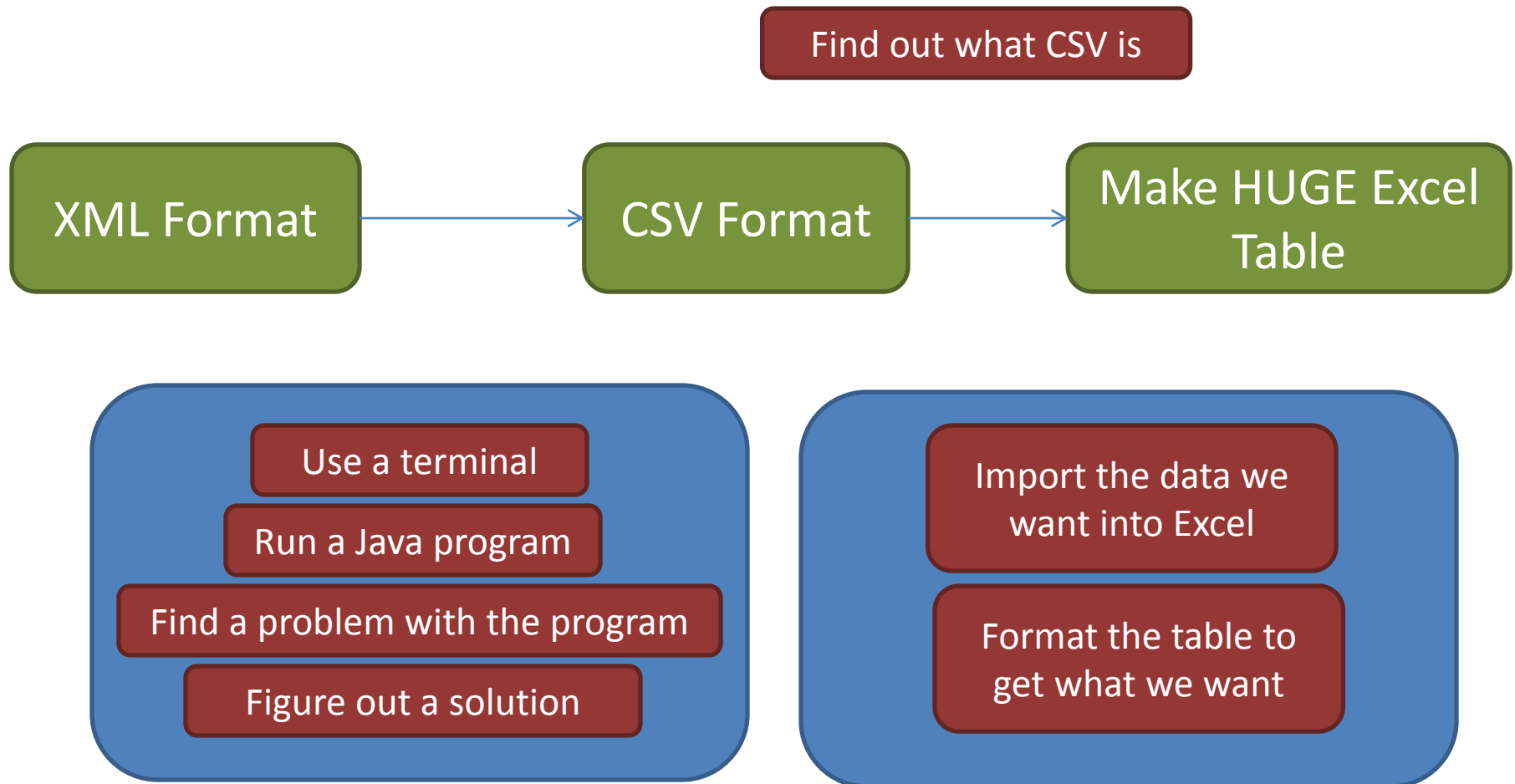


0 if the senator did not vote
1 if the senator voted Nay
2 if the senator voted Yea
Error otherwise

Open Last Class's Activity (1-1)

- Do Task 4 (Make a Pivot Table)
 - Make sure you save!

You have done these things



Break

Break

- Index Cards (at end of class)

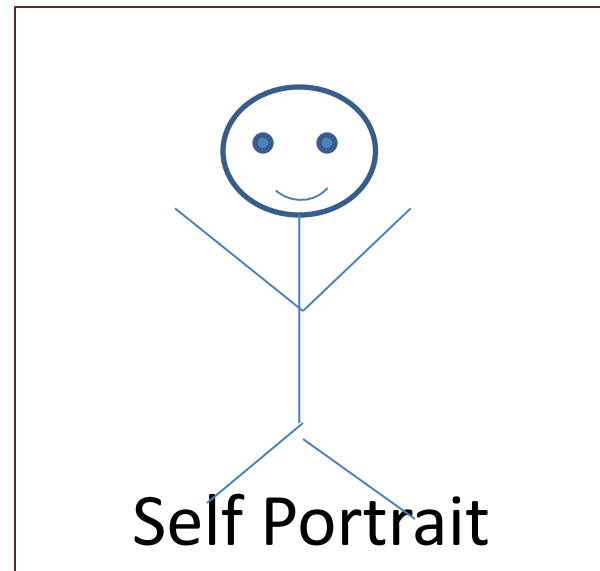
Name

Class Year

Concentration

Where You're From

Something Interesting
About Yourself



See anything odd in the pivot table?

- Use the web to find out what happened

See anything odd in the pivot table?

- Use the web to find out what happened
- Use Home...Conditional Formatting to color all blank cells **red**

See anything odd in the pivot table?

- Use the web to find out what happened
- Use Home...Conditional Formatting to color all blank cells **red**
- Name Sheet1 RawData
- Name Sheet2 PivotTable
- Make column widths nice:
 - Home-> Cells-> Format->AutoFit Column Width

Activity 1-2

- Do Task 1

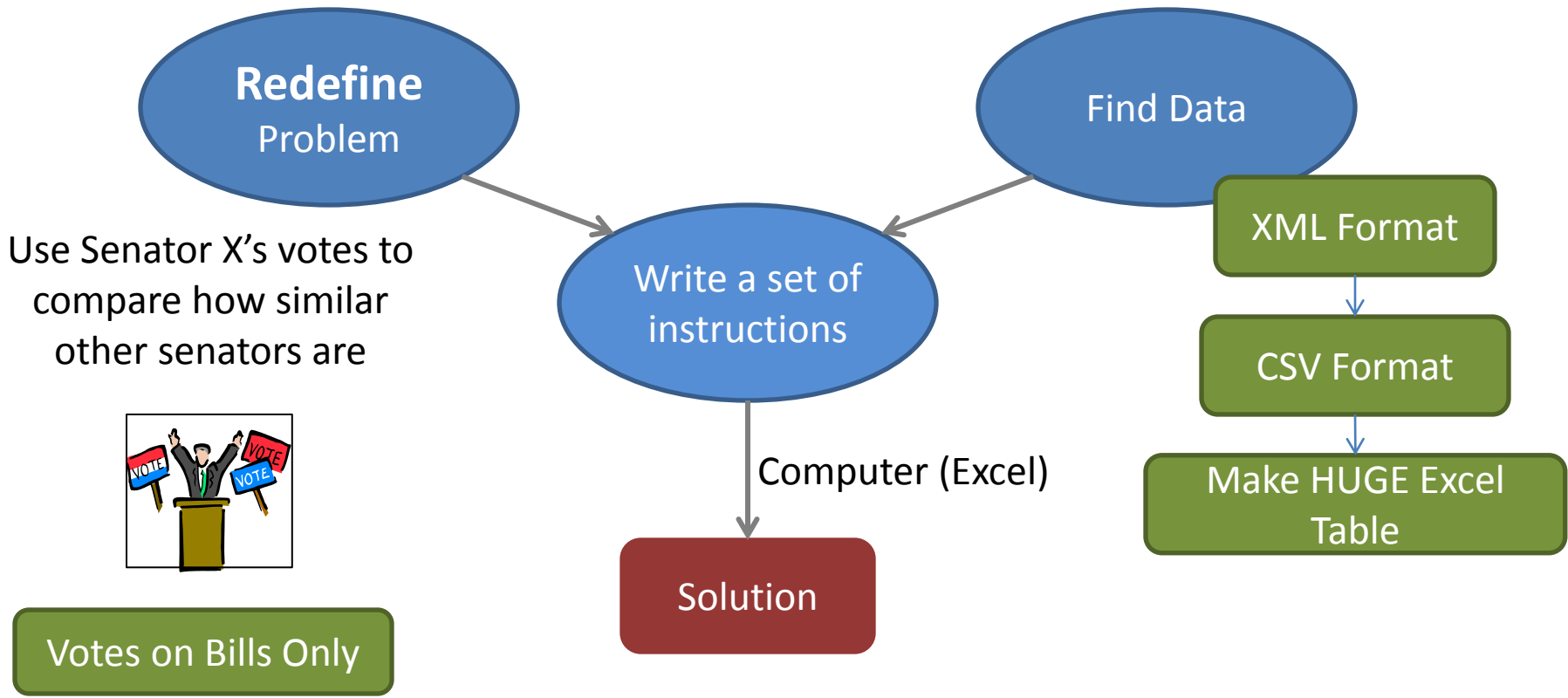
Activity 1-2

- Do Task 1
- What happened to Schatz and Ensign? How do we fix it?

Activity 1-2

- Do Task 2

Next Class



If we have time...

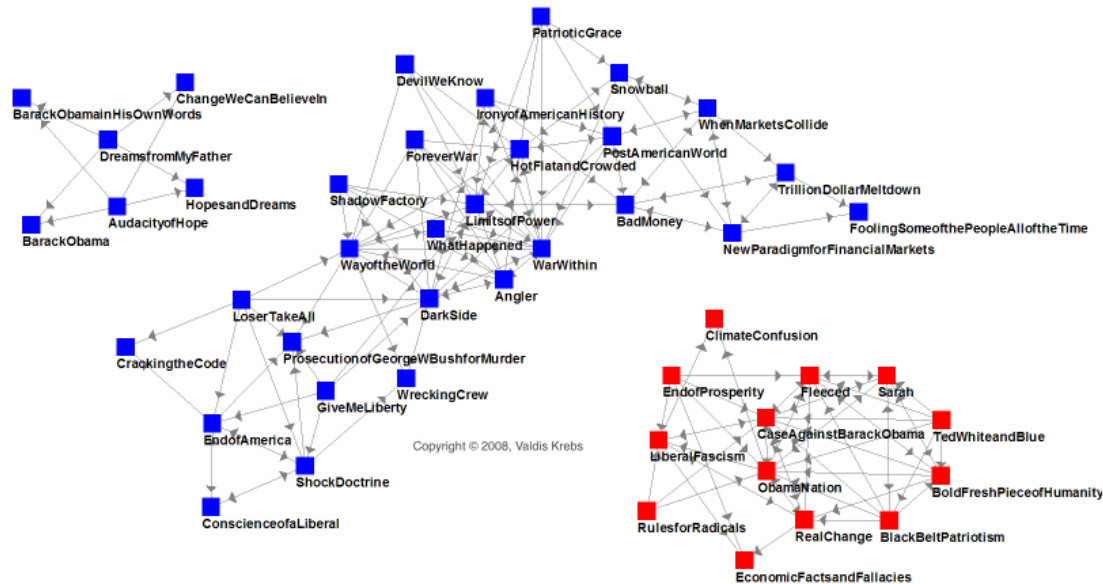
- Click on the Book URL link on the class website

orgnet.com

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Last Things

- HW1-2 posted (due next Tues)

Index Cards

Name

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