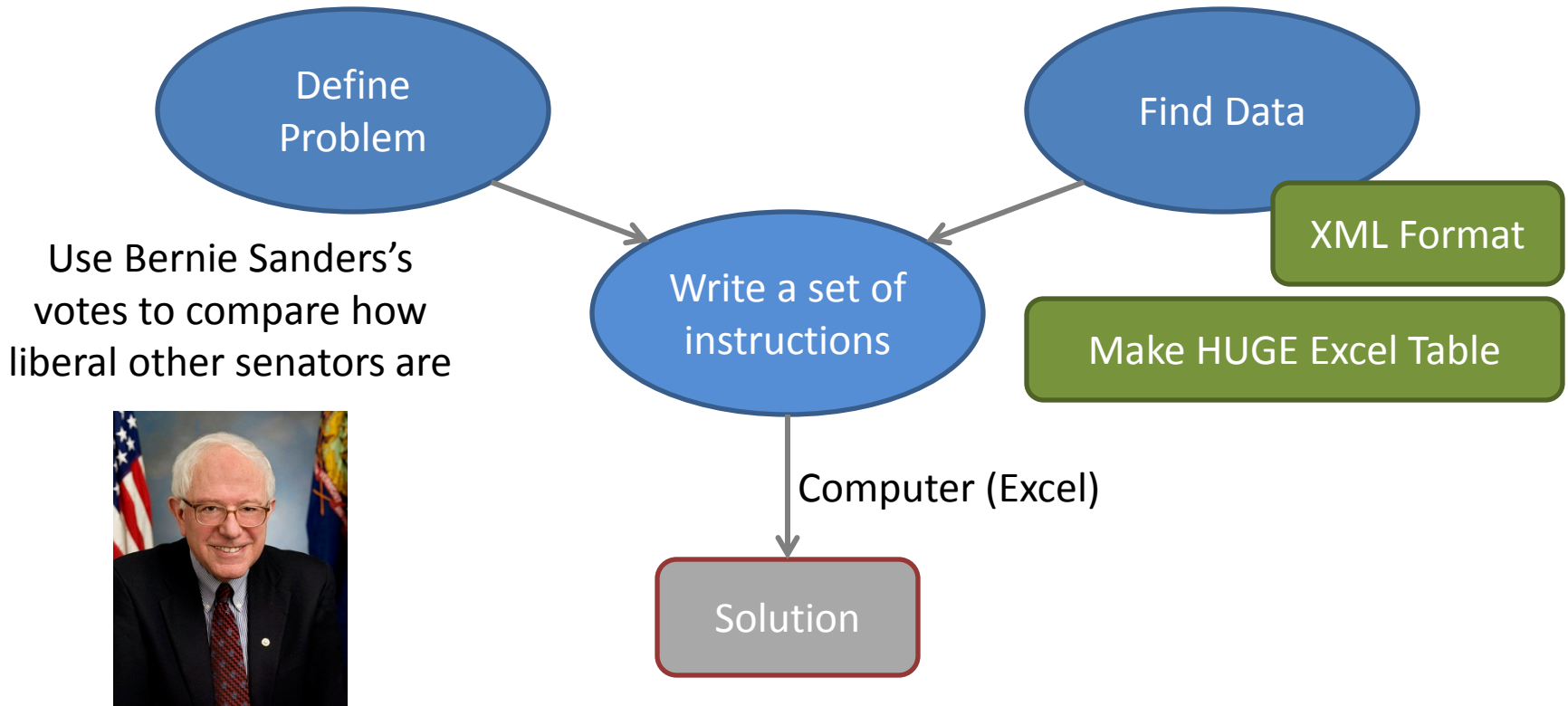


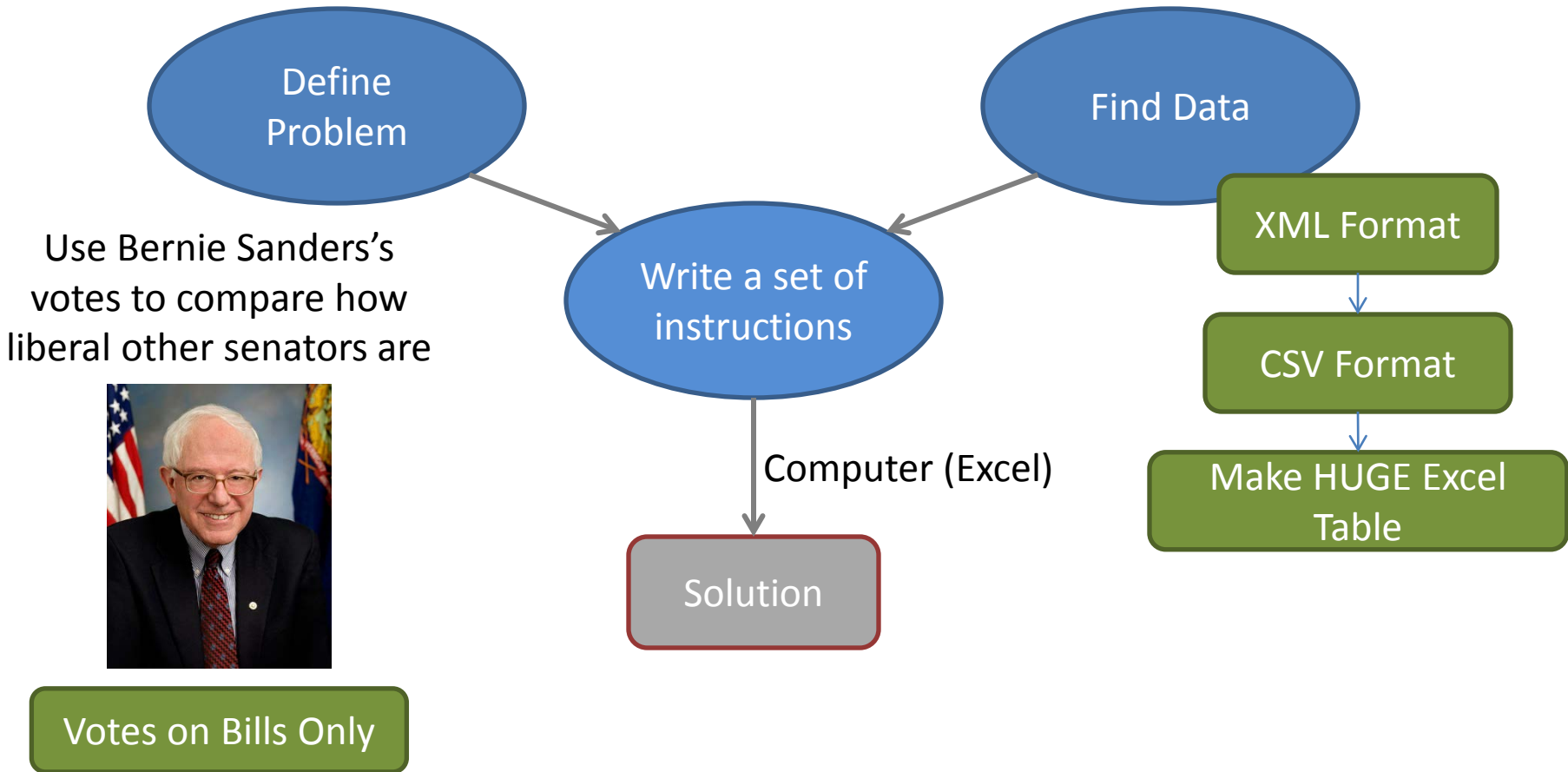
Collecting Data

January 31 2013

This Class



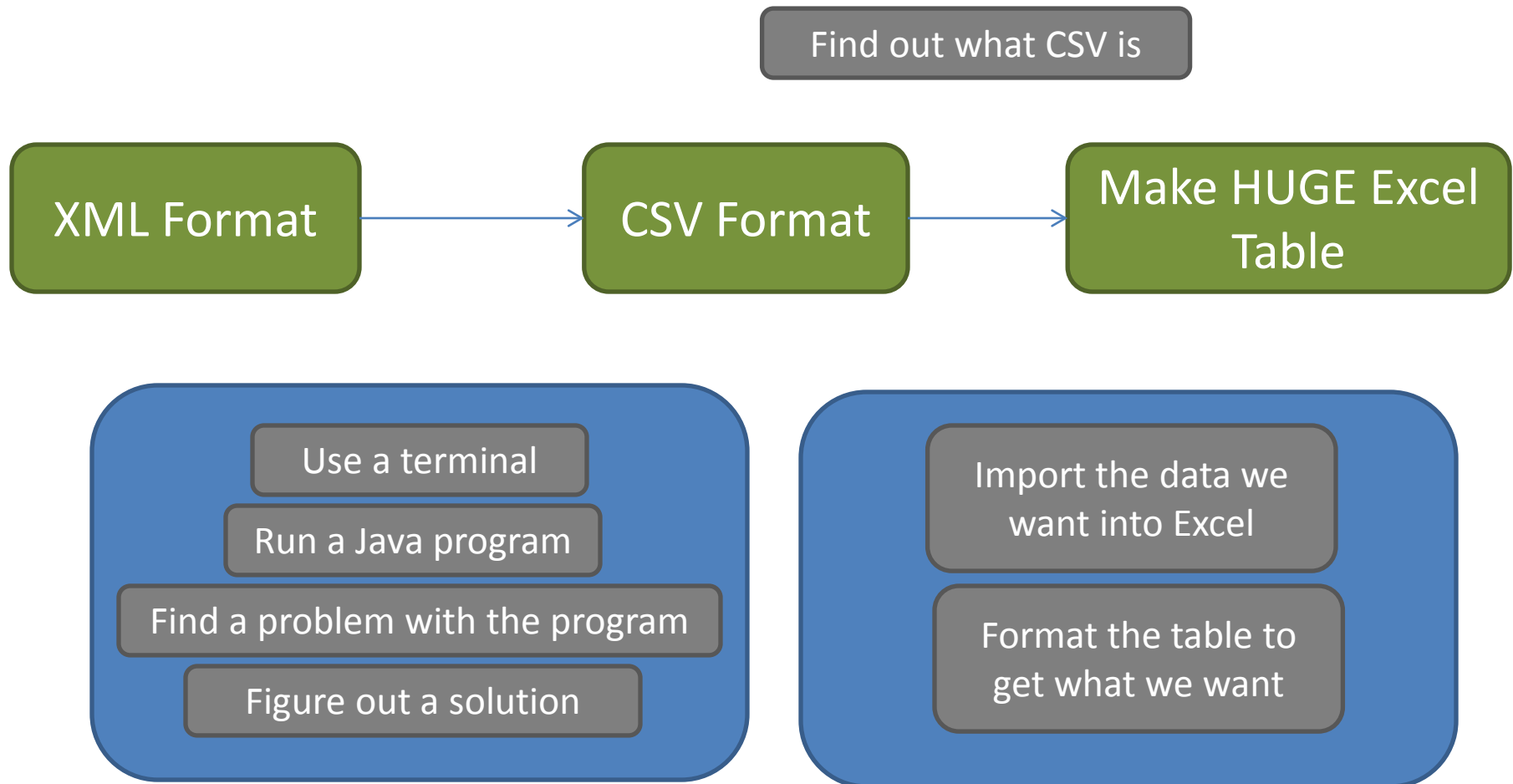
This Class



This is going to be a lab day

- Remember to save & email your work!
- Confusion might arise
 - Different versions of Excel
 - Different operating systems
 - I might not have explained things clearly.
- Ask for help/clarification *at any point*.

By the end of the day, you will have done these things



Activity 1-1

- Do Task 0 (Get the Files We Need)

Activity 1-1

- Do Task 0 (Get the Files We Need)
 - XML file from senate website
 - JAR file from
<http://code.google.com/p/xml2csv-conv/downloads/detail?name=xml2csv-conv-0.0.1.zip&can=2&q=>
 - Excel Versions might be different
- Note: I call files by their file *extension*: an XML file ends with ``.xml``, a JAR file ends with ``.jar``, etc.

Activity 1-1

- Do Task 1 (Convert an XML File to a CSV File)

Activity 1-1

- Do Task 1 (Convert an XML File to a CSV File)
- Command Prompt Questions
 - What does `dir` or `ls` do?
 - What does `cd` do?

Activity 1-1

- Do Task 1 (Convert an XML File to a CSV File)
- Command Prompt Questions
 - What does `dir` or `ls` do?
 - What does `cd` do?
- CSV Questions
 - What does CSV stand for?
 - Why did we put the files in the Desktop directory?

Activity 1-1

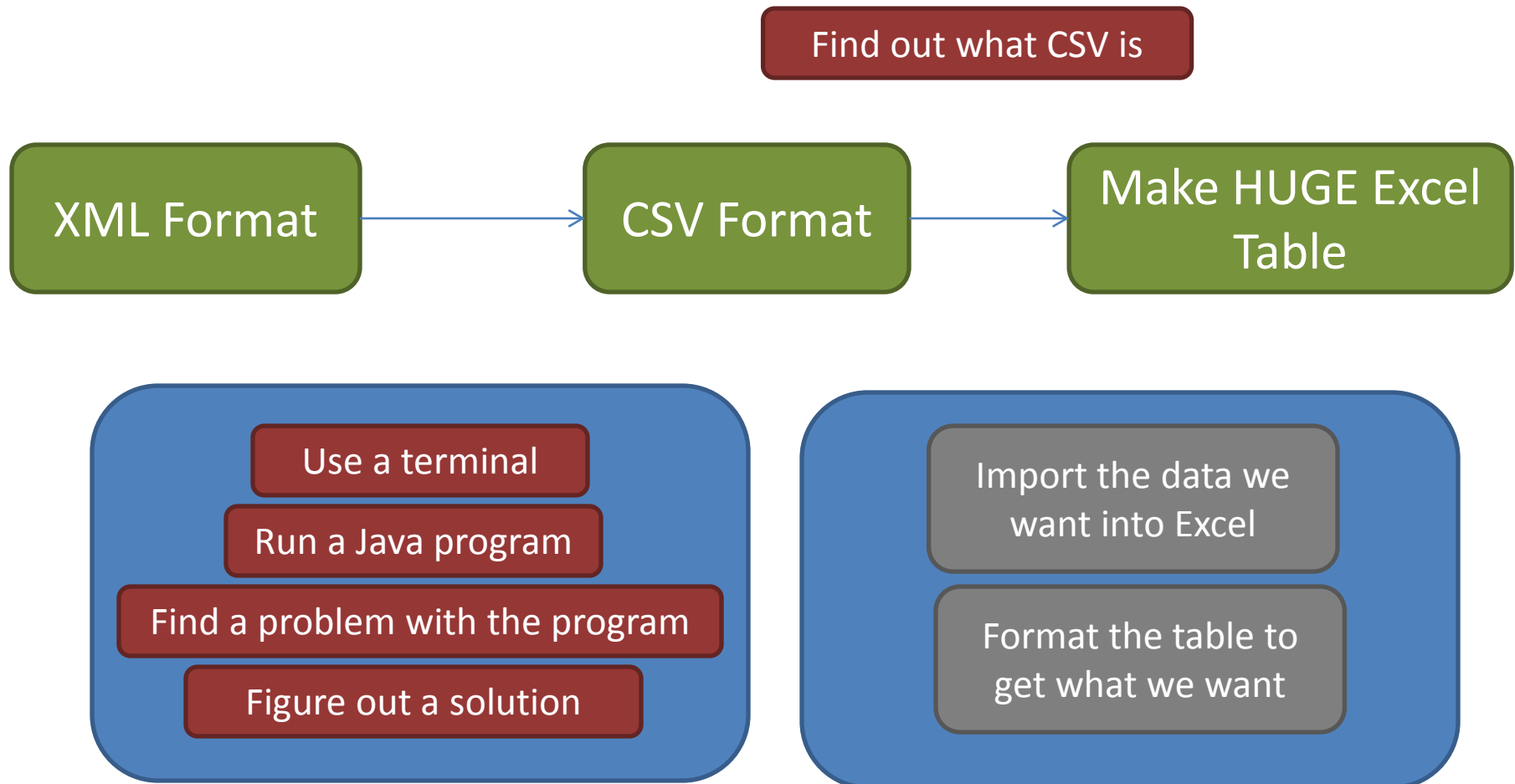
- Do Task 1 (Convert an XML File to a CSV File)
- Command Prompt Questions
 - What does `dir` or `ls` do?
 - What does `cd` do?
- CSV Questions
 - What does CSV stand for?
 - Why did we put the files in the Desktop directory?
 - *Full path name vs. local path name*

Activity 1-1

- Do Task 1 (Convert an XML File to a CSV File)
- Command Prompt Questions
 - What does `dir` or `ls` do?
 - What does `cd` do?
- CSV Questions
 - What does CSV stand for?
 - Why did we put the files in the Desktop directory?
 - *Full path name vs. local path name*
- How can we fix the bug?

Break

By the end of the day, you will have done these things



Activity 1-1

- Do Task 2 (Import an XML/CSV File into Excel)

Activity 1-1

- Do Task 3 (Format the Data)

Tip: Press 'Ctrl' and an arrow to go ALL THE WAY to the beginning/end of a row/column.

Activity 1-1

- Do Task 3 (Format the Data)
- Data Questions:
 - # of Rows (before Trimming)?
 - # of Votes in Session 1? Session 2?

Tip: Press 'Ctrl' and an arrow to go ALL THE WAY to the beginning/end of a row/column.

Activity 1-1

- Do Task 3 (Format the Data)
- Data Questions (3.3 & 3.4):
 - # of Rows (before Trimming)?
 - # of Votes in Session 1? Session 2?
- Trimming Questions (3.7):
 - # of Rows now?

Tip: Press 'Ctrl' and an arrow to go ALL THE WAY to the beginning/end of a row/column.

Tip: To get back to original sorting: Sort by both 'session' and then by 'vote_number'

Activity 1-1

- Task 3 (cont'd).
- Concatenation Questions (3.8 & 3.9)
 - What are the two columns that we want?
 - What do you type in F^2 ?
- Numerical Vote Questions (3.10)
 - What do you type in G^2 ? (this is kind of tricky)

Activity 1-1

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

You have done these things

