Introduction to Computer Programming Lecture 10.1:

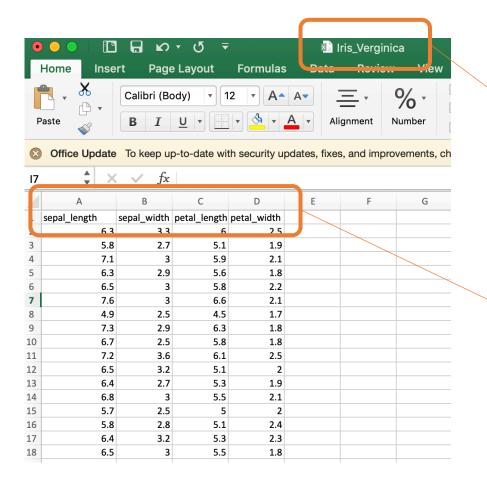
Writing Programs: Working with data

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Example: Iris data set

You are working in a lab where data is collected on iris flower samples.



.csv file for each iris species

Four measurements for each sample:

- Sepal length
- Sepal width
- Petal length
- Petal width

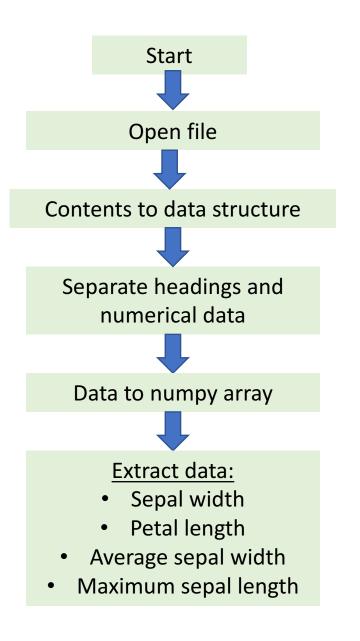


Example: Iris data set

You must write a program that can extract data about a species from the .csv file.

The data about different species should be extracted within the same program so that values for one species can be plotted against another.

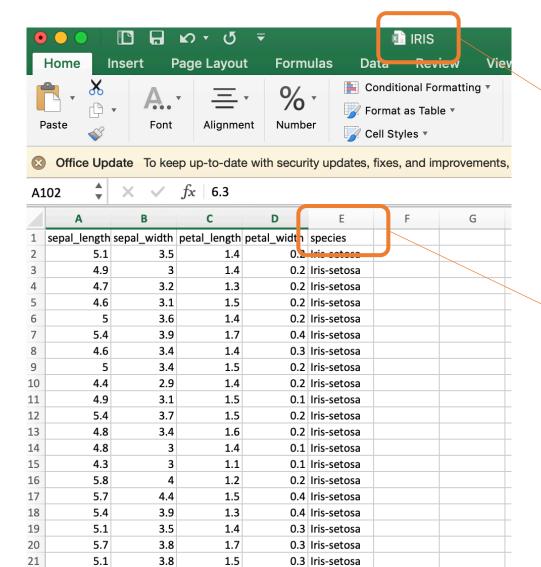




Example: Iris data set

The lab changes its file system for storing data.

Update your program so that it accepts the new data format.



The data for all species are now stored in a single file

There is an additional column which shows the species of each iris sample

