

CSS01 – Input statements, while loops, try catch...

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1

Updates:

- All in-class code and lecture slides can be found on GitHub
 - https://github.com/JohnSerences/CSS01_W2020
- Midterm grades up later today
- Problem set this week – worth up to 3 extra credit points (1 for each problem)
 - Get started early so that you can ask questions early!

2

Office hours

- Adnan: Mon (2-3), 1539 MAND
- Aaditya: Thu (12-1), 1507 MAND
- Abhilash: Tue (11-12), 1507 MAND
- Shreya: Fri (9-10), 1507 MAND
- Me: Weds (9-10), 5338 McGill Hall

3

Pseudocode

- Divide a big problem into smaller conquerable chunks and then piece them together.

```
# declare price_clean as empty list
# for each price in the list:
# 1. Remove dollar sign
# 2. Convert to float
# 3. Add it to price_clean
```

- Going to practice this in the problem set this week.

4

Importing specialized modules

- **import** statement to gain access to more functionality like specialized machine learning functions etc...
- Similar to setting a path to a new toolbox in Matlab
- Allows for expanding the functionality of Python - anyone can write a module to support new applications

5

Some shortcut keys (to start with)

- On a PC cntrl = control key, on Mac cntrl = "apple" key
 - New cell above: cntrl+M A
 - New cell below: : cntrl+M B
 - Convert to code cell: cntrl+M Y
 - Convert to text cell: cntrl+M M
- Run a cell (execute code or display markdown): cntrl+ENTER

6