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[Exercise Set 0-HW](#)

Yes, That's how we count in python!

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ENGR 1330 Exercise Set 0

Exercise 0.1

Watch the Harvard computational thinking video <https://www.youtube.com/watch?v=jjqgP9dpD1k&t=12s>

At some point in the video, the instructor programs a virtual cat to meow. Then he programs a cat to meow repeatedly. What kind of programming construct is the video presenting at this point (they state the structure while it is demonstrated)

put your **During the video it is stated that a loop is used to get the cat to meow repeatedly which is a highly volatile construct as it can be changed utilizing other constructs such as while, if, else, if else, and not just to name a few**, change the cell to a Markdown Cell and run it.

Exercise 0.2

Visit *Jupyter Notebook: An Introduction*, <https://realpython.com/jupyter-notebook-introduction/> and examine the contents.

In the section **Running Cells** the author presents something similar to "hello world".

Run the example in *Jupyter Notebook: An Introduction* in the cell below

```
In [1]: print('Hello Jupyter!')
```

Hello Jupyter!

Exercise 0.3

Continuing with *Jupyter Notebook: An Introduction* In the section **Headers** the author presents an example of different header levels (it is the first example in the section).

Repeat the example in the cell below, be sure its a markdown cell and run it - you should get results similar to the example in the document.

Header 1

Header 2

Header 3

Readings

Driscoll, M. (2021) *Jupyter Notebook: An Introduction*, <https://realpython.com/jupyter-notebook-introduction/>