

- Questions

- ▼ Advice

- explain your thinking for coding questions
- len returns length of any sequence
- == to compare sequences return True for same elements in same order

- ▼ Homework 5

- download and unzip
- ▼ install matplotlib on your own computer
 - **python3 -m pip install matplotlib**

- ▼ in hw5_warmup.py

- **import matplotlib.pyplot as plt**
image = plt.imread("beach_portrait.png")
- ▼ **image data as an array**
 - what you see when you print
 - 0 to 1 in RGB
 - shape, size
 - len, loops the same
 - differences: fixed size, only one kind of data
- ▼ **array indexing**
 - row, column
 - slicing along multiple dimensions
- **broadcast assignment**