Lecture 9 – Arrays & Loops

* prayer / spiritual thought
* announcements
* unit of the day.

1 atm = 101325 Pa

Pa ↑ $\frac{N}{m^2}$

↳ units of pressure.

(X) Today's lecture consists entirely of examples

I. Arrays

A. Lists & Tuples

B. Numpy arrays → * Answer to activity

```
t = np.linspace(0,1,11)
```

C. 2D arrays

D. Accessing Elements → Answer to activity

```
y = x[4:8]
```

E. Array Math.

II. Loops

A. For Loops

B. Loop Controls → Answer to activity

Loop 1: 3 4 5 6 7

Loop 2: 1 3 5

Loop 3: 4 3 2 1 0

C. While Loops