























## Using Built-In Functions & Comprehensions

What are the indices of all elements in a list s that have the smallest absolute value?

$$\begin{bmatrix} -4, & -3, & -2, & 3, & 2, & 4 \\ 0 & 1 & 2 & 3 & 4 & 5 \end{bmatrix} \quad \begin{bmatrix} 2, & 4 \end{bmatrix} \qquad \quad \begin{bmatrix} 1, & 2, & 3, & 4, & 5 \end{bmatrix} \quad \begin{bmatrix} 0 \end{bmatrix}$$

What's the largest sum of two adjacent elements in a list s? (Assume len(s) > 1)

Create a dictionary mapping each digit d to the lists of elements in s that end with d.

Does every element equal some other element in s?

## Linked List Exercises

Is a linked list s ordered from least to greatest?

Is a linked list s ordered from least to greatest by absolute value (or a key function)?

Create a sorted Link containing all the elements of both sorted Links s & t.

Do the same thing, but never call Link.



**Examples: Linked Lists**