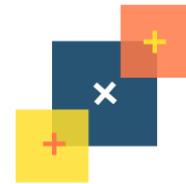


# WEEK 4

# LISTS / ARRAYS



TECH BHOI

JUL 20  
JUL 24  
2020



# LIST

MON  
JUL 20

## LIST = [MULTI VALUE]

A LIST is used to store MULTIPLE pieces of information that we want to reuse throughout our programs. A real world example of this is like your grocery list we can change it or have it store nothing or even have it store just one item. Similarly the number of items in your shopping cart stores the list of how many items you've picked up in the store, this can also change or vary over time.

### DISCUSSION:

Identify some things around you that can be represented as a list.

Three parts:

- 1) A ListName
- 2) An equal sign (=)
- 3) **open/close square brackets**  
**OPTIONAL ) comma seperated values**

THINK OF A MAGIC BAG WITH UNLIMITED SPOTS FOR SINGLE ITEMS

### QUIZ:

What are the two most important parts in creating a list?

- a) the equals sign and parentheses
- b) square parentheses and quotes
- c) square parentheses and commas
- d) open square parentheses and a close square parentheses

## LIST\_NAME = [VAL1,...,VALN]

## USE A LIST TO STORE MORE THAN ONE VALUE AT A TIME

```
iced, class_name: 'O
reign_key: :vendor_id
nt, class_name: 'Messa
ceived, class_name: 'Me
utes_for :photos, allow_
ash_digest: Digest::SHA256
sh_digest, CLASS=User ATTAC
has_attached_file :avatar, styles: { medium: '300x300>', default_style: :medium,
default_url: '/images/mi
```