# MASTER
# THE PYTHON INTERVIEW

## Explain the concept of **first class objects**

# in Python, everything is an **object**

- a function? it is an object

- an integer? it is an object

- ...

# in Python, everything is an **object**

- at the **core** of Python**,** all objects are equivalent

- one can perform the **same operations** on every object

    - assign to a variable     `x = my_object`

    - pass to a function     `my_function(my_object)`

    - add to a collection     `[my_object1, my_object2]`

    - …

# in Python, everything is an **object**

- **identity** of an object: `id(my_object)`

- **compare identity** of two objects: `my_object1 is my_object2`