Python (Day 18) 🐢

Understanding Turtle Graphics
- Read documentation! 👀 ↗
- Search questions in google! 🔍
- Turtle relies on tkinter 🐢

Modules, Packages and Aliases
- Some Modules you can't just import! 🚫
  - You need to download packages
    - Because what python give you is demo!
    - If you want much bigger library of packages ↗
      - Example
        - print(heroes.gen())
        - import heroes
          - download this
          - Corsair 😎
  - Because python don't have them by default
- How aliases works? 🤔
  - tim = t.Turtle()
    - import turtle as t
  - you can write a shorter name of the whole module
- Choices of how to import ⚖
  - basic way 🙂
    - import turtle
  - faster one 😎
    - from turtle import Turtle, Screen
  - Import everything 🤯
    - from turtle import *
      - disadvantages
        - very confusing
          - from random import *
            - choice(1,2,3)
              - What is it?

Tuples
- Python Tuples
  - This is a datatype, similar to a list 📇
  - (1, 3, 8)
  - my_tuple = (1, 3, 8)
    - to get something
      - my_tuple[0]
      - o: 1
  - Tuples are immutable 🔒
  - convert tuple to list
    - list(my_tuple)

Hirst Painting Project
- import colorgram
  - this module extract colors from image