Assignment 3: API requests

General instructions:

- Use the file "assignment_3_template.py" to do the assignment. Change the name of the file to "assignment_3.py".
- Write your code <u>after</u> the comment: "#Your code here:" (<u>do not modify the code before this comment</u>)
- Office hours information are available in the office hours channel on Teams.

Deadline:

- 20/10/2022 at 23:59:59
- Delayed submissions are not allowed

Coding instruction:

- Your objective is to print information about dog's breeds using the dogAPI (documentation here: https://docs.thedogapi.com/)
- You have to make a requests to the right URL (the url begins as 'https://api.TheDogAPI.com/v1/........").
- You have to print the information according to the input (all information or just about the required breed)
- Hints:
  - o Check lecture 4
  - o Use ".json()" method for the response to your request

Tests Information:

- The success of only the first test (All dogs) will give you half of points, the success of all tests will give you all points.

Name of test	Input (type)	Expected output (type) (font size doesn't matter)
All dogs	"all" (String)	[{'weight': {'imperial': '6 - 13', 'metric': '3 - 6'}, 'height': {'imperial': '9 - 11.5', 'metric': '23 - 29'}, 'id': 1, 'name': 'Affenpinscher', 'bred_for': 'Small rodent hunting, lapdog', 'breed_group': 'Toy', 'life_span': '10 - 12 years', 'temperament': 'Stubborn, Curious, Playful, Adventurous, Active, Fun-loving', 'origin': 'Germany, France', 'reference_image_id': 'BJa4kxc4X', 'image': {'id': 'BJa4kxc4X', 'width': 1600, 'height': 1199, 'url': 'https://cdn2.thedogapi.com/images/BJa4kxc4X.jpg'}}, {'weight': {'imperial': '50 - 60', 'metric': '23 - 27'}, 'height': {'imperial': '25 - 27', 'metric': '64 - 69'}, 'id': 2, 'name': 'Afghan Hound', 'country_code': 'AG', 'bred_for': 'Coursing and hunting', 'breed_group': 'Hound', 'life_span': '10 - 13 years', ... (A list of dictionaries – the complete output can be found in a file in the same folder than the instructions)
Corgi	"Pembroke Welsh Corgi" (String)	{'weight': {'imperial': '25 - 30', 'metric': '11 - 14'}, 'height': {'imperial': '10 - 12', 'metric': '25 - 30'}, 'id': 184, 'name': 'Pembroke Welsh Corgi', 'bred_for': 'Driving stock to market in northern Wales', 'breed_group': 'Herding', 'life_span': '12 - 14 years', 'temperament': 'Tenacious, Outgoing, Friendly, Bold, Playful, Protective', 'reference_image_id': 'rJ6iQeqEm', 'image': {'id': 'rJ6iQeqEm', 'width': 1280, 'height': 720, 'url': 'https://cdn2.thedogapi.com/images/rJ6iQeqEm.jpg'}}

		(A dictionary)
Russian Toy	"Russian Toy" (String)	{'weight': {'imperial': '3 - 6', 'metric': '1 - 3'}, 'height': {'imperial': '7.5 - 10.5', 'metric': '19 - 27'}, 'id': 211, 'name': 'Russian Toy', 'breed_group': 'Toy', 'life_span': '10 - 12 years', 'reference_image_id': 'HkP7Vxc4Q', 'image': {'id': 'HkP7Vxc4Q', 'width': 645, 'height': 380, 'url': 'https://cdn2.thedogapi.com/images/HkP7Vxc4Q.jpg'}} (A dictionary)
Boston Terrier	"Boston Terrier" (String)	{'weight': {'imperial': '10 - 25', 'metric': '5 - 11'}, 'height': {'imperial': '16 - 17', 'metric': '41 - 43'}, 'id': 53, 'name': 'Boston Terrier', 'bred_for': 'Ratting, Companionship', 'breed_group': 'Non-Sporting', 'life_span': '11 - 13 years', 'temperament': 'Friendly, Lively, Intelligent', 'reference_image_id': 'rkZRggqVX', 'image': {'id': 'rkZRggqVX', 'width': 1010, 'height': 673, 'url': 'https://cdn2.thedogapi.com/images/rkZRggqVX.jpg'}} (A dictionary)

Upload instructions:

- When your code is finish and work. Upload it to codepost.io (Tutorial here)
- You can reupload your code as many times as you want until the deadline
- The expected name for your file is "assignment_3.py". If the name is different, your code will fail.