

Assignment 0: Hello Python

Overview: In this exercise you will get *Python* Installed on your laptop and get some experience building and properly formatting a Jupyter notebook.

Learning Outcomes:

- Basics of using Jupyter Notebooks
- Basics of using markdown
- Notebook formatting for readability and reusability
- Exporting results from a Jupyter Notebook

```
In [1]: a = 10
        print(a)

10

In [2]: print("Hello World! This is a test cell one")

Hello World! This is a test cell one

In [3]: print("Hello World! This is a test cell two")

Hello World! This is a test cell two

In [4]: print("Hello World! This is a test cell three")

Hello World! This is a test cell three

In [5]: # for loops
        # print statements
        # variable assignment
        for i in range(10):
            print(i)

0
1
2
3
4
5
6
7
8
9

In [6]: # while loops
        # print statement
        # variable assignment
        i = 0
        while i < 10:
            print(i)
            i = i + 1

0
1
2
3
4
5
6
7
8
9

In [7]: # importing a library
        import random
        i = 0
        while i < 10:
            print("You rolled: ", random.randint(1, 10))
            i = i + 1

You rolled: 2
You rolled: 8
You rolled: 7
You rolled: 5
You rolled: 5
```

You rolled: 6
You rolled: 5
You rolled: 3
You rolled: 7
You rolled: 4