**HOMEWORK ASSIGNMENT - SESSION 4**

**1. Theory question:**

* ***How do we convert a string to uppercase or lowercase?:*** use function *upper* or *lower* for that string.

For ex: strings=“Hello world” “”

n=strings.upper()

print(n)

>>>HELLO WORLD

* ***How do we get length of a string?:*** Apply *len* function.

For ex: strings=“orange”

len(strings)

>>>6

* ***How do we print a string, one character per line?:*** Use a process call traversal, a kind of computation involve processing a string one character at a time. This process combines both loop and *len* function.
* ***How do we compare two strings?:*** 2 strings can be compared with comparison operators (equal, not equal) following *Lexicograpical* order (similar to alphabet order in dictionary).

**2. Python exercise:** Check the python files.