



Snake Time!

Target:

Get to know:

- Python data types and operators
- Types of data structure in python
- Control flow (Conditional statements – loops)

Resources:

- [Udacity](#) Python course [from lessons 1 to 4] – [Recommended]
- All-time favorite python [course](#) [English crash course]
- [Learn Python Programming](#) by programiz.com
- [Mastering Python](#) by El-Zero Web [Arabic]
- [W3Schools](#) [For revision if you already have previous knowledge]

Evaluation:

Problem 1 ☐ 2 points

Problem 2 ☐ 3 points

Problem 3 ☐ 2 points

Problem 4 ☐ 3 points

Deadline:

2 Days #Monday 6/3 at 11:59 PM

Problems:

Problem 1 □ Take from user N number, Print the summation of the numbers that are between 1 and N without using loops.

Input: 5, Output: 15

Problem 2 □ Take from user three numbers A, B, and C, and print them in ascending order in one line.

Sample input: 9 5 6 , Sample output: 5 6 9

Problem 3 □ Take from user x number and prints the **factorial** of number X.

input: 5, output: 120

Problem 4 □ Take from the user a list and remove duplicated items then print it

Sample input : ["Somia","Abdulrhman","Manel","Abdulrhman"]

Sample output: ["Somia","Abdulrhman","Manel"]

problem 5 □ What is the output of the following code ? why ?

`print(round(6.5) - round(3.5) == 3)`