

Lab exercise 2 Lab on Array (Individual)

Question 1.

Write a program that declares 15 elements in an array, computes the summation of the array values.

Question 2.

Modify question 1 above to such that your output should display each item in the array as well as the result of the summation

Question 3.

Use Array to create a Matrix of 4X3 containing element between 0 and 20, print the array of matrix using the statement *for row in*

Assignment 2 Lab on dictionary (group)

Create a dictionary with named **PhoneRELEASED** with initial items Keys and corresponding values as follows

Keys	Values
Iphone	2007
Iphone 3	2008
Iphone 3GS	2009
Iphone 4	2010
Iphone 4S	2011
Iphone 5	2012
Iphone 6	2014

1. Check the length of the **PhoneRELEASED** and print the length
2. Assign an individual item to your dictionary entry with **key** Iphone X **value** 2017, Galaxy J5, Galaxy A8, Galaxy C5, Gear sport and Z4 with **values** 2017,2016, 2016, 2017, 2017 respectively.
3. Use `for loop` in conjunction with `.items()` method to loop over the phones and unpack each phone (print key and values)

4. Replace key Iphone 5 and Galaxy A8 with any other 2 phones from Nokia brand, include the value of the key replaces
5. Use the method `sorted()` to sort the phone keys in alphabetical order and print them
6. After each of the above operation, print the output

Submit on Sunday 1st October 2017 before or by 11:59pm.

NB:

- Pls. document your program and include comment where necessary
- You will have to send a copy of your .py file on a Google drive (will announce the link later)