

AKICS Python Assignment 1 on Datatypes and Operations

Q1. Create 5 variables and use arithmetic operations to find the following on those:

- I. Sum of all elements
- II. Mean

Q2. For question 1 create a diagram of how your variables and results may look inside the memory. You can use [https:// app.diagrams.net/for](https://app.diagrams.net/for) drawing your diagrams.

Q3. What is the output of the following statements in python? Please try to image first using the knowledge that you have based on the last two classes.

I)

```
a = 10
b = 100
a = 5
print(b)
print(a)
```

Options

- | | |
|------------|------------|
| a) 10, 100 | b) 100, 10 |
| c) 5, 100 | d) 100, 5 |

II)

```
x = 5
y = 9
z = x + y
x = 10
print(x+y)
print(z)
```

Options

- | | |
|-----------|-----------|
| a) 14, 14 | b) 19, 14 |
| c) 14, 19 | d) 19, 19 |

Q4. Draw diagrams of the above two problem parts

Previous Lecture Diagrams: [Python_Class2](#)

Other Materials

- ☐ MUST READ <http://projectpython.net/chapter02>
- ☐ OPTIONAL <https://docs.python.org/3/library/stdtypes.html>