

Week 1 Quiz

Q1.

How many bytes are in 6 KB? Use base 10 (decimal) arithmetic.

Q2.

Consider the following Python code:

```
python
def modify(lst):
    lst[0] = lst[len(lst) - 1]

lst_x = [1, 2, 3]
lst_y = lst_x

modify(lst_x)
lst_y[0] = lst_y[1]

print(lst_x[0])
```

What is the output?

Q3.

Order the following types of memories from ****greatest**** capacity (i.e., can hold a large amount of data) to ****least**** capacity (i.e., can hold only a small amount of data).

- * Network-based storage
- * Main memory
- * Registers and caches
- * Secondary storage

- A. Registers and caches, Main memory, Secondary storage, Network-based storage
- B. Network-based storage, Secondary storage, Main memory, Registers and caches
- C. Network-based storage, Main memory, Secondary storage, Registers and caches
- D. Registers and caches, Secondary storage, Network-based storage, Main memory