

SPIS 2017

Depth Lecture Week 2

# Reassignment vs. Data Mutation

```
>>> mL1 = [1,2]
```

```
>>> mL1 = [3,4]
```

```
>>> print(mL1)
```

```
>>> mL2 = [1,2]
```

```
>>> mL2[0] = 3
```

```
>>> mL2[1] = 4
```

```
>>> print(mL2)
```

mL1 

mL2 

What do you think about this code?

- A. It prints different results
- B. It prints the same results

# Reassignment vs. Data Mutation

```
>>> mL1 = [1,2]
>>> L1 = mL1
>>> mL1 = [3,4]
```

```
>>> print(mL1)
>>> print(L1)
```

mL1

mL2

```
>>> mL2 = [1,2]
>>> L2 = mL2
>>> mL2[0] = 3
>>> mL2[1] = 4
```

```
>>> print(mL2)
>>> print(L2)
```

What do you think about this code?

- A. It prints different results
- B. It prints the same results