

# Ben Deatsman Classwork 1d

Given the following list l = [10, [3, 4], [5, [100, 200, ["BANA"]], 23, 11], 1, 7]

a. Use indexing to grab the word “BANA”.

b. Change the value of “BANA” to “BANA 6043”.

c. Use slicing to get the last 4 elements.

```
In [15]: list = [10, [3, 4], [5, [100, 200, ["BANA"]], 23, 11], 1, 7]
list[2][1][2] = "BANA 6043"
list[2][1][2]
```

```
Out[15]: 'BANA 6043'
```

```
In [16]: list[2:5]
```

```
Out[16]: [[5, [100, 200, 'BANA 6043'], 23, 11], 1, 7]
```

Given the following tuple schooling = ('UC', 'BANA', '6043')

a. Use indexing to grab the word “BANA”.

b. Change the value of “BANA” to “Business Analytics”. What happens?

c. Unpack the schooling tuple into three variables: university, program, class\_id.

```
In [17]: schooling = ('UC', 'BANA', '6043')
```

```
In [21]: schooling[1] = "Business Analytics"
```

```
-----
TypeError                                Traceback (most recent call last)
Cell In[21], line 1
----> 1 schooling[1] = "Business Analytics"

TypeError: 'tuple' object does not support item assignment
```

```
In [22]: # Once a tuple is created, its elements cannot be changed
```

```
In [30]: (university, program, class_id) = schooling
```

```
In [32]: university, program, class_id
```

```
Out[32]: ('UC', 'BANA', '6043')
```

Create a dictionary ceos with two company CEOs: Apple: Tim Cook, Microsoft:

Satya Nadella

a. Add Bob Iger as the CEO of Disney.

b. Now you realize that Bob Iger is no longer the CEO of Disney; rather, it is Bob Chapek. Update the Disney CEO to reflect this change.

```
In [36]: CEOs = {'Apple': 'Tim Cook',
               'Microsoft': 'Satya Nadella'}
```

```
In [37]: CEOs['Apple']
```

```
Out[37]: 'Tim Cook'
```

```
In [40]: CEOs['Disney'] = 'Bob Iger'
```

```
In [41]: CEOs['Disney']
```

```
Out[41]: 'Bob Iger'
```

```
In [42]: CEOs['Disney'] = 'Bob Chapek'
```

```
In [43]: CEOs['Disney']
```

```
Out[43]: 'Bob Chapek'
```

```
In [44]: CEOs
```

Out[44]: {'Apple': 'Tim Cook', 'Microsoft': 'Satya Nadella', 'Disney': 'Bob Chapek'}

In [ ]: