



Tuplesassignment.ipynb

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[1]:

`t=()`

[1]:

`t=()`

[1]:

`t=()`

[2]:

`t=(10,40,60)`

[3]:

`t`

[3]:

`(10, 40, 60)`

[4]:

`t1=(1.2,2.3,40.77)`

[5]:

`t1`

[5]:

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t1

[5]:

(1.2, 2.3, 40.77)

[6]:

t2=('one', 23, 4.5, (2, 3))

[7]:

t2

[7]:

('one', 23, 4.5, (2, 3))

[8]:

len(t1)

[8]:

3

t1[0]

[9]:

t1[1]

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`t1[1]`

[9]:

2.3

[10]:

`t1[-1]`

[10]:

40.77

[11]:

`t2[0][1]`

[11]:

'n'

[14]:

`t1[0:2]`

[14]:

(1.2, 2.3)

[12]:

`t1[:]`Simple ☒

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```
t1[:]
```

```
[12]:
```

```
(1.2, 2.3, 40.77)
```

```
[15]:
```

```
t2[-2:]
```

```
[15]:
```

```
(4.5, (2, 3))
```

```
[16]:
```

```
t2[0:4:3]
```

```
[16]:
```

```
('one', (2, 3))
```

```
[17]:
```

```
t2
```

```
[17]:
```

```
('one', 23, 4.5, (2, 3))
```

```
[18]:
```

```
t2[0]='234'
```

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t2

[17]:

('one', 23, 4.5, (2, 3))

[18]:

t2[0]='234'

TypeError

Traceback (most recent call last)

Cell In[18], line 1

----> 1 t2[0]='234'

TypeError: 'tuple' object does not support item assignment

[19]:

del t2

[20]:

t2

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```
for i in t1:  
    print(i)
```

```
1.2  
2.3  
40.77
```

```
[23]:
```

```
for i in enumerate(t1):  
    print(i)
```

```
(0, 1.2)  
(1, 2.3)  
(2, 40.77)
```

```
[26]:
```

```
t1.index(1.2)
```

```
[26]:
```

```
0
```

```
[27]:
```

```
sorted(t1)
```

```
[1.2, 2.3, 40.77] ...
```

```
[27]:
```

```
sorted(t1)
```

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```
sorted(t1)
```

```
[1.2, 2.3, 40.77] ...
```

```
[29]:
```

```
sorted(t1, reverse=True)
```

```
[29]:
```

```
[40.77, 2.3, 1.2]
```

```
[30]:
```

```
40.77 in t1
```

```
[30]:
```

```
True
```

```
[31]:
```

```
30 in t1
```

```
[31]:
```

```
False
```

```
[ ]:
```

```
[1]:
```

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