derekter_turi

June 25, 2021

```python
[1]: print("Salem!")
```

```
Salem!
```

```python
[2]: 12
```

```
[2]: 12
```

```python
[3]: a = 12
```

```python
[4]: a
```

```
[4]: 12
```

```python
[5]: type(15)
```

```
[5]: int
```

```python
[6]: type(a)
```

```
[6]: int
```

type()

```python
[7]: True
```

```
[7]: True
```

```python
[8]: b = True
```

```python
[9]: type(b)
```

```
[9]: bool
```

```python
[10]: type(False)
```

```
[10]: bool
```

```
[11]: type(34+15)
```

[11]: int

```
[12]: a
```

[12]: 12

```
[13]: a = True
```

```
[14]: a
```

[14]: True

```
[15]: 3.5
```

[15]: 3.5

```
[16]: type(4.8)
```

[16]: float

```
[17]: d = 45.0
```

```
[18]: type(d)
```

[18]: float

```
[19]: []
```

[19]: []

```
[20]: type([])
```

[20]: list

```
[21]: l = []
      l1 = [2,3,4]
```

```
[22]: l
```

[22]: []

```
[23]: l1
```

[23]: [2, 3, 4]

```
[24]: l2 = [2, 3, 3.4, 5.6]
```

```
[25]: l2
```

```
[25]: [2, 3, 3.4, 5.6]
```

```
[26]: type(l2)
```

```
[26]: list
```

```
[27]: l2
```

```
[27]: [2, 3, 3.4, 5.6]
```

```
[28]: l2.append(15)
```

```
[29]: l2
```

```
[29]: [2, 3, 3.4, 5.6, 15]
```

```
[30]: 1,
```

```
[30]: (1,)
```

```
[31]: type(1,)
```

```
[31]: int
```

```
[32]: t = 1,
```

```
[33]: type(t)
```

```
[33]: tuple
```

```
[34]: t1 = (2,3,5,6.8, 4.5)
```

```
[35]: type(t1)
```

```
[35]: tuple
```

```
[36]: t2 = t1 + (6,7,8)
```

```
[37]: t2
```

```
[37]: (2, 3, 5, 6.8, 4.5, 6, 7, 8)
```

```
[38]: t1
```

```
[38]: (2, 3, 5, 6.8, 4.5)
```

```
[39]: type('')
```

```
[39]: str
```

```
[40]: ''
```

```
[40]: ''
```

```
[41]: ""
```

```
[41]: ''
```

```
[42]: s = ""
```

```
[43]: type(s)
```

```
[43]: str
```

```
[44]: s1 = "Hello"
      s2 = '   '
      s3 = """Welcome"""
```

```
[45]: s1
```

```
[45]: 'Hello'
```

```
[46]: print(s1)
```

```
      Hello
```

```
[47]: s2
```

```
[47]: '   '
```

```
[48]: print(s2)
```

```
[49]: s3
```

```
[49]: 'Welcome'
```

```
[50]: print(s3)
```

```
      Welcome
```

```python
[51]: type(s1)
```

[51]: str

```python
[52]: type(s2)
```

[52]: str

```python
[53]: type(s3)
```

[53]: str

```python
[54]: {}
```

[54]: {}

```python
[56]: type({2,3})
```

[56]: set

```python
[57]: type(int())
```

[57]: int

```python
[58]: bool()
```

[58]: False

```python
[59]: float()
```

[59]: 0.0

```python
[60]: list()
```

[60]: []

```python
[61]: str()
```

[61]: ''

```python
[62]: tuple()
```

[62]: ()

```python
[63]: set()
```

[63]: set()

```python
[64]: {}
```

[64]: {}

```python
[65]: type({})
```

[65]: dict

```python
[67]: type(dict())
```

[67]: dict

```python
[68]: d = {'a':12, 'b':25}
      l = [2,5,1,78]
      t = (3,4,8,2)
```

```python
[69]: d['a']
```

[69]: 12

```python
[70]: l[3]
```

[70]: 78

```python
[71]: t[1]
```

[71]: 4

```python
[72]: l[-1]
```

[72]: 78

```python
[73]: l
```

[73]: [2, 5, 1, 78]

```python
[74]: l[-2]
```

[74]: 1

```python
[75]: def test():
          print("Test function")
```

```python
[76]: test
```

[76]: <function __main__.test()>

```python
[77]: type(test)
```

[77]: function

```python
[78]: test()
```

```
Test function
```

```python
[79]: f = test
```

```python
[80]: a = 12
```

```python
[81]: b = a
```

```python
[82]: b
```

[82]: 12

```python
[83]: f = test
```

```python
[84]: f
```

[84]: <function __main__.test()>

```python
[85]: f()
```

```
Test function
```

```python
[86]: test()
```

```
Test function
```

```python
[87]: l1
```

[87]: [2, 3, 4]

```python
[88]: len(l1)
```

[88]: 3

```python
[89]: None
```

```python
[90]: type(None)
```

[90]: NoneType

```python
[91]: n = None
```

[ ]: