

Marisa Baca

NAVIGATE TEXT CODE SECTION RUN

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Live Editor - untitled.mlx *

ENG220ClassAssignment6.m x untitled.mlx * +

```
1 pyversion('/Library/Developer/CommandLineTools/usr/bin/python3
2
3 mylist = py.list({'apple', 'banana', 'orange'});
4 len_of_list = py.len(mylist);
5 disp(len_of_list);
6
7 py_math = py.importlib.import_module('math');
8 result = py_math.sqrt(25);
9 disp(result);
10
11 my_str = 'Hello MATLAB';
12 reversed_str = py.str(my_str(end:-1:1));
13 disp(reversed_str);
```

Python **int** with properties:

denominator: [1x1 py.int]
imag: [1x1 py.int]
numerator: [1x1 py.int]
real: [1x1 py.int]

3

5

Python **str** with no properties.

BALTAM olleH

Workspace

Name	Value
len_of_list	1x1 int
my_str	'Hello MATLAB'
mylist	1x3 list
py_math	1x1 module
result	5
reversed_str	1x12 str

Command Window

result x

1x1 double

	1	2	3	4	5	6	7	8	9	10	11
1	5										
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											

result x reversed_str x py_math x mylist x

1x3 list

val =

['apple', 'banana', 'orange']

Use string, double or cell function to convert to a MATLAB array.