

PUBLISH VIEW

Profiler Analyze Run Section Run and Advance Run to End Run Step Stop

CODE ANALYZE SECTION RUN

Editor - C:\Users\Charl\OneDrive\Documents\Assignment6.m

```
1 clc
2 clear all
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);
```

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

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.

BALTM olleH

f> >>

Zoom: 100% UTF-8 CRLF script