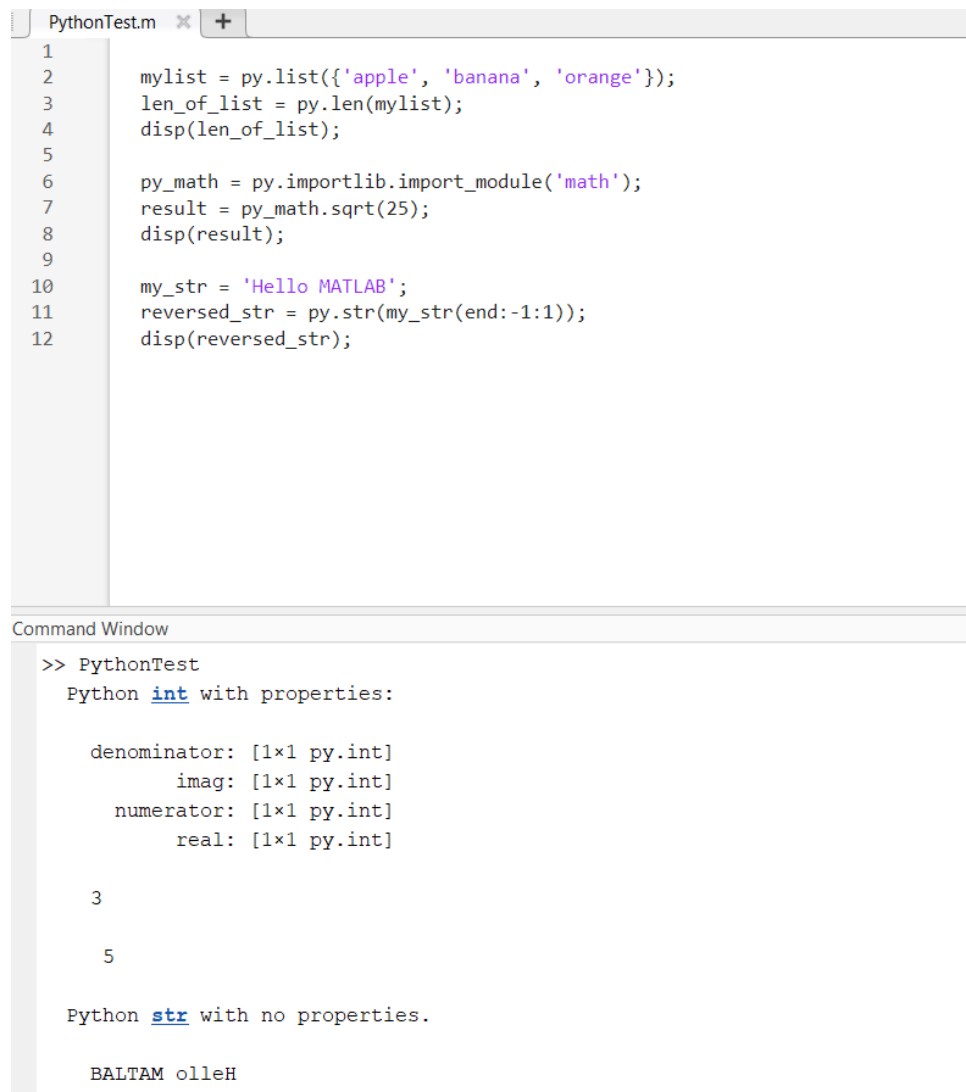


Jack Sparrow

ENG 220 - Results Document

First it displays the number of items in the list, which is 3. Then it displays the square root of 25, which is 5. Then it creates a string, “Hello MATLAB”, then creates another string that reverses the order of characters, then prints the new reversed string.



```
PythonTest.m x +
1
2     mylist = py.list({'apple', 'banana', 'orange'});
3     len_of_list = py.len(mylist);
4     disp(len_of_list);
5
6     py_math = py.importlib.import_module('math');
7     result = py_math.sqrt(25);
8     disp(result);
9
10    my_str = 'Hello MATLAB';
11    reversed_str = py.str(my_str(end:-1:1));
12    disp(reversed_str);

Command Window
>> PythonTest
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
```