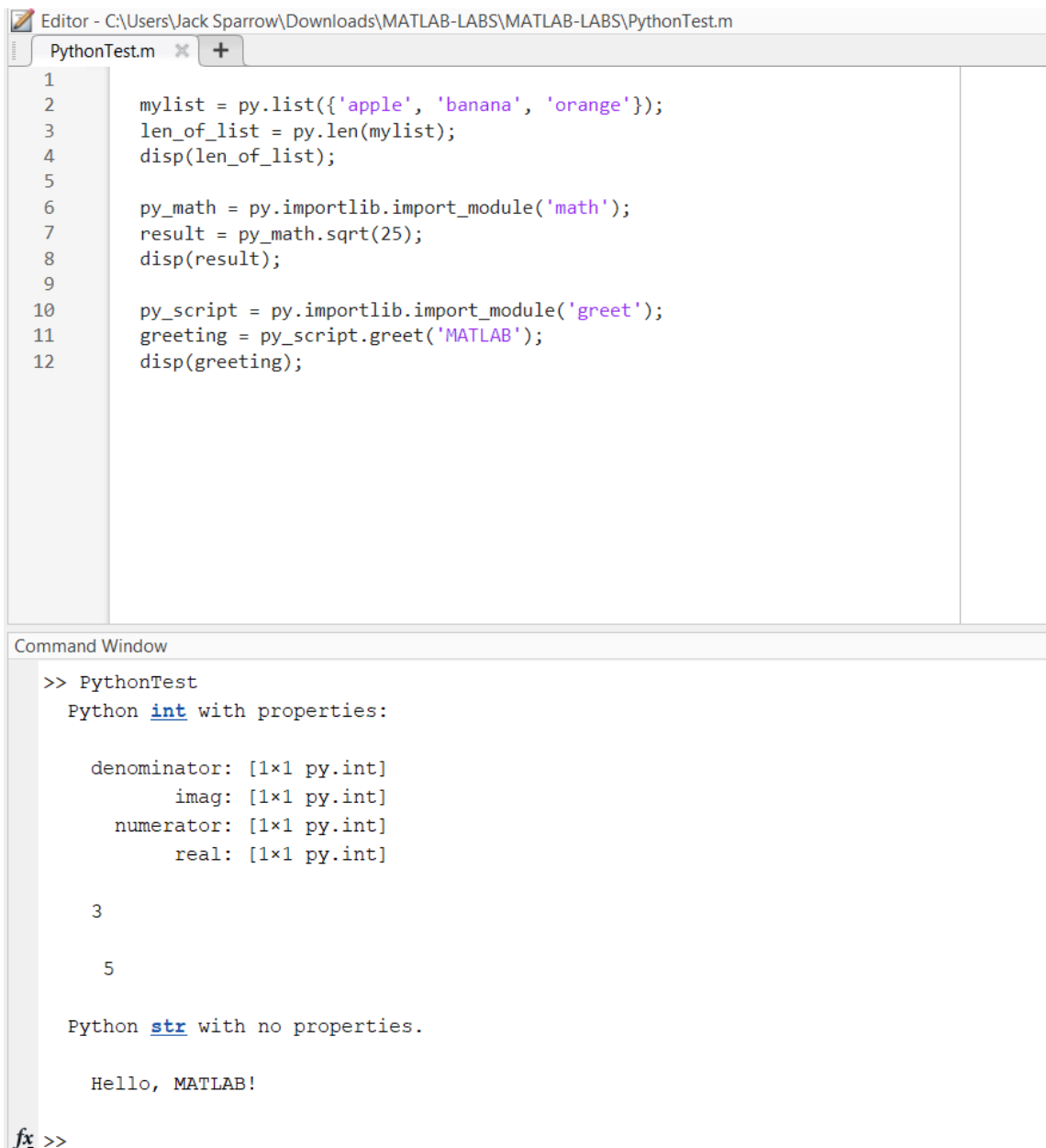


Jack Sparrow

## 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 runs the greet module I made, which should display “Hello, {name}!”, in this case “Hello, MATLAB!”.



The screenshot shows a MATLAB editor window with a tab titled 'PythonTest.m'. The script contains the following Python code:

```
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    py_script = py.importlib.import_module('greet');
11    greeting = py_script.greet('MATLAB');
12    disp(greeting);
```

Below the editor is the Command Window, which shows the output of the script:

```
>> 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.

Hello, MATLAB!
```

The Command Window ends with a prompt `fx >>`.