

EOSC 211: Week 08 Quiz

The following code calls a function “poly3” for which the code is also given.

```
>> myx=-2;  
>> new=poly3(myx);  
  
function y = poly3(x)  
% POLY3 Evaluates a cubic polynomial  
% Y=POLY3(X) Evaluates the cubic polynomial  
% y = a+b*x+c*x^2+d*x^3 using Horner's  
% method, where a=1, b=-1, c=2, d=1  
%  
  
a0 = 1;  
a1 = -1;  
a2 = 2;  
a3 = 1;  
  
y = a0 + x*(a1 + x*(a2+x*a3));  
  
end
```

1. Identify the following elements of the code:

- Function name:
-
- Input argument(s):
-
- Output argument(s):

2. The comment lines are a special kind of comment line. What is special about them?

3. After running the code what variables are in the main workspace and what are the values of these variables?

Variable	Value
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____