

Quiz 1

- (1pt)* List 3 attributes of scripting languages.

- (4pts)* You have been hired by Python Interpreters, Inc. to replace a computer and interpret Python. Evaluate the following expressions as a python interpreter would.

(a) `print 1*2*3`

(b) `x = range(10)`
`x.reverse()`
`print x[6:9]`

(c) `x = "onetwothree"`
`print x[5:8] + x[-1] + x[8]`

(d) `x = "one"`
`print x*2`

- (3pts)* Write a function `fib(n)` that returns the n^{th} fibonacci number. The n^{th} fibonacci number is generated by the recurrence relation

$$fib(n) = fib(n - 1) + fib(n - 2)$$

where $fib(0) = 1$ and $fib(1) = 1$