

- 1) (1pt) Defines a function that does nothing
- 2) (1pt) 6
- 3) (1pt) False, there are floats and integers
- 4) (1pt) True, Assigning/returning multiple values to a single object always results in a tuple
- 5) (1pt) <type 'NoneType'> the function returns none when it is called on. type(None) is none type
- 6) (1pt) Tuples and lists are structures that have an order, Tuples are immutable and lists are mutable (.5 pts each)
- 7) (1pt) 1, we are getting the value of 1, 2 which is a key in the dictionary a
- 8) (1pt) None
- 9) (2pt) 2 3
- 10) (4pt)
 - a) Keys have to be unique, values don't (1pt)
 - b) Keys are immutable, values are mutable (1pt)
 - c) Keys are used to access values (1pt)
 - d) A non bs answer (1pt)
- 11) (5pt)
 - a) Any tests that are valid are 1pt
 - i) Must state inputs and expected value
- 12) (8pt)
 - a) Defined the function correctly: def slope(point1, point2): (2pt)
 - i) If they used 4 parameters (1pt)
 - b) Correctly indexed the x and y values from the tuples (2pt)
 - i) If they used the values from 4 parameters (1pt)
 - c) Correctly found the slope (2pt)
 - d) Returned the slope value (2pt)
 - e) Made sure there was no 0 division error (1pt extra credit)
- 13) (8pt)
 - a) Defined function correctly (2pt)
 - b) Had logic that made sense (2pt)
 - c) Function works for all cases (2pts)
 - d) Returned value correctly (2pts)