

Note: You may use your notes or my notes from my website. No other resources may be used during this quiz.

Question 1. (4 points) Fill in the table containing facts about the Python and Java languages.

	Java	Python
Type-checking happens (“while” or “before”) the program runs	<i>while</i>	<i>before</i>
Variable declarations require data types to be specified (true or false)	<i>true</i>	<i>false</i>
The expression (5 / 2) would result in the value	<i>2</i>	<i>2.5</i>
Strings are immutable (true or false)	<i>true</i>	true

Question 2. (1 point) When the main function runs, what would be the coordinates of Point p on line 5 below?

```
1. public static void main(String[] args) {  
2.     Point p = new Point(1, 2);  
3.  
4.     move(p);  
5.  
6. }  
7.  
8. public static void move(Point p) {  
9.     p = new Point(3, 4);  
10. }
```

a) (3, 4) b) (1, 2) c) (2, 1)

Question 3. (4 points) For each Java expression below, write its result’s data type and value.

- 3 * 0.5 *double 1.5*
- 11 / 2 *int 5.5*
- 30 + 50L *long 80*
- (double) 6 / 3 *double 2.0*