

## Quiz 9

ZJUI CS 101, FALL 2016

STUDENT ID:

NAME:

**Question 1.** Which of the following produces a valid plot given data in `x` and `y`?

- A        `import matplotlib.pyplot as plt`  
          `plt.plot( x,y )`
- B        `import matplotlib.plot as plot`  
          `plot( x,y )`
- C        `import matplotlib.plot as plot`  
          `plot( x,y )`

**Question 2.**

```
import numpy as np
x = np.array( [ 5,1,3 ] )
x *= 2
```

What is the value of `x`?

- A        `array( [ 10,2,6 ] )`
- B        `[ 5,1,3,5,1,3 ]`
- C        `array( [[ 5,1,3 ], [ 5,1,3 ]] )`

**Question 3.**

```
import numpy as np
x = np.array( [ 1 ] * 3 )
x += 1
```

What is the final value of `x`?

- A        `array( [3] )`
- B        `array( [ 1,1,1,1 ] )`
- C        `array( [ 2,2,2 ] )`
- D        `array( [ 4 ] )`