

# Lab 6 Quiz

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**Question 1** Submitted Nov 4th 2021 at 10:46:52 am

```
a = (1)
```

`a` is a tuple.

☐ True

☒ False

**Question 2** Submitted Nov 4th 2021 at 10:47:21 am

```
a = (6,7,8)
```

```
b = [6,7,8]
```

☐ `a` is a list, `b` is a tuple.

☐ Both `a` and `b` are tuples.

☒ `a` is a tuple, `b` is a list.

☐ Both `a` and `b` are lists.

**Question 3** Submitted Nov 4th 2021 at 10:47:44 am

Consider the code below:

```
t = (-1, 6, 1)
t[2] = 8
print(t[2])
```

What will be printed out after running this code?

☐ 8

☐ 1

☐ -1

☒ TypeError

**Question 4** *Submitted Nov 4th 2021 at 10:48:14 am*

Consider the code below:

```
a = (1,2,3), (2,3,4), (4,5,6)
x,y,z = a
(z, x, y) = (y, z, x)
```

What will be the values of x, y, z after running this code?

x = (4,5,6)

☐ y = (2,3,4)

z = (1,2,3)

x = (4,5,6)

☒ y = (1,2,3)

z = (2,3,4)

x = (1,2,3)

☐ y = (4,5,6)

z = (2,3,4)

$x = (2,3,4)$

☐  $y = (1,2,3)$

$z = (4,5,6)$

**Question 5** *Submitted Nov 4th 2021 at 10:48:57 am*

Choose all statements that are correct:

☒ Values in tuples can be indexed using [].

☒ The length of a tuple can be got by len() method.

☒ [(255,0,0), (166,200,0), (255,255,255)] is a 2D lists.

☐ A tuple can be sliced in the same way as a list.