

Quiz 1: NDArray

The respondent's email (**farees.siddiqui@ontariotechu.net**) was recorded on submission of this form.

On tensors

Consider the following:

```
t1 = numpy.array([1, 2, 3])  
t2 = numpy.array([[1], [2], [3]])  
t3 = numpy.array([t1, t1])
```

How many axis/axes does t1 have?

- ☐ 0
- ☒ 1
- ☐ 2

How many axis/axes does t2 have?

- ☐ 0
- ☐ 1
- ☒ 2



How many axis/axes does t3 have?

- ☐ 0
- ☐ 1
- ☒ 2

What is the shape of t1?

- ☐ (1, 3)
- ☐ (3, 1)
- ☒ (3,)
- ☐ ()

What is the shape of t1[1]?

- ☐ (1, 3)
- ☐ (3, 1)
- ☐ (3,)
- ☒ ()



What is the shape of `t2`?

- ☐ (1, 3)
- ☒ (3, 1)
- ☐ (3,)
- ☐ ()

What is the shape of `t2[:, 0]`?

- ☐ (1, 3)
- ☐ (3, 1)
- ☒ (3,)
- ☐ ()

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