

Quiz

One Dimensional Numpy

1. what is the result of the following lines of code:

1 point

```
1 a=np.array([0,1,0,1,0])
2 b=np.array([1,0,1,0,1])
3 a*b
```

- ☐ array([1, 1, 1, 1, 1])
- ☒ array([0, 0, 0, 0, 0])
- ☐ 0

2. what is the result of the following lines of code:

1 point

```
1 a=np.array([0,1])
2 b=np.array([1,0])
3 np.dot(a,b)
```

- ☒ 0
- ☐ 1
- ☐ array([1,1])

3. Is the following operation allowed with numpy arrays

1 point

```
1 a=np.array([1,1,1,1,1])
2 a+10
```

- ☐ no, the two elements must be of equal size
- ☒ yes, this is an example of broadcasting