

Numpy Python exercises1

Exrercise1:

```
import numpy as np
a = np.array([
                [1, 2, 3, 4, 5, 6, 7],
                [10, 20, 30, 40, 50, 60, 70]
            ])
```

Using the above NumPy Array, write a python code that display each element as the sample output below

```
1 10
2 20
3 30
4 40
5 50
6 60
7 70
```

Solution:

```
I = 0
for e in a[0]:
    print(a[0,i], a[1,i])
    i+=1
```

Exercise2:

```
import numpy as np
arr = np.array([
    [
        1, 2, 3, 4, 5, 6, 7
    ],
    [
        10, 20, 30, 40, 50, 60, 70
    ]
])
```

Using the above NumPy Array, write a python code that display each element as the sample output below

```
1 10
2 20
3 30
4 40
5 50
6 60
7 70
```

Solution:

```
i=0
for e in arr[1,0]:
    print(arr[0,0,i], arr[1,0,i])
    i+=1
```