

classtask-numpy

July 18, 2024

```
[1]: import numpy as np
```

```
[4]: students=np.array([[ 'lebin', 'rajesh', 'dhivya', 'jayaram', 'nithish'],
                        [28,38,23,26,21],
                        [ 'erode', 'coimbatore', 'chennai', 'madurai', 'salem'],
                        [ 'male', 'male', 'female', 'male', 'male']])

students
```

```
[4]: array([[ 'lebin', 'rajesh', 'dhivya', 'jayaram', 'nithish'],
            [ '28', '38', '23', '26', '21'],
            [ 'erode', 'coimbatore', 'chennai', 'madurai', 'salem'],
            [ 'male', 'male', 'female', 'male', 'male']], dtype='<U11')
```

```
[5]: students.ndim
```

```
[5]: 2
```

```
[6]: students.shape
```

```
[6]: (4, 5)
```

```
[7]: students.size
```

```
[7]: 20
```

```
[8]: students.dtype
```

```
[8]: dtype('<U11')
```

```
[ ]:
```