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* ~~배열~~ ~~배열~~

→ ~~2차원 배열~~ ~~2차원 배열~~ ~~2차원 배열~~

```
np2 = np.zeros((np1.shape[0]+t2, np1.shape[1]+t2])
```

```
np2[1:-1, 1:-1] = np1
```

```
np2[0] = np2[1]
```

```
np2[-1] = np2[-2]
```

```
np2[:, 0] = np2[:, 1]
```

```
np2[:, -1] = np2[:, -2]
```

```
Print(np2)
```

* ~~행과 열~~ ~~행과 열~~

```
row, col = 3, 4
```

```
i = [[k*k+1+j*j for k in range(col) for j in range(row)]]
```

```
Print(i)
```

```
np1 = np.array(i)
```

```
np1 = np.column_stack((np1[:, 0], np1))
```

```
np1 = np.column_stack((np1, np1[:, -1]))
```

```
np1 = np.row_stack((np1[0, :], np1))
```

```
np1 = np.row_stack((np1, np1[-1, :]))
```

* ~~extend~~ ~~extend~~

```
It2.extend(np1[1:-1, 0:-1])
```

```
tmp = np.array([1])
```

```
tmp = np.append(tmp, np1[0])
```

```
tmp = np.append(tmp, np1[1:-1, -1])
```

```
tmp = np.append(tmp, np1[-1, :])
```

```
tmp = np.append(tmp, np1[1:-1, 0:-1, :])
```

```
Print(tmp, np.sum(It2))
```