```python
import numpy as np
array=np.random.randint(1,100,9)
array
```

```
array([83, 25, 19, 47, 62, 15, 96, 39, 51])
```

```python
np.sqrt(array)
```

```
array([9.11043358, 5. , 4.35889894, 6.8556546 , 7.87400787,
       3.87298335, 9.79795897, 6.244998 , 7.14142843])
```

```python
array.ndim
```

```
1
```

```python
new_array=array.reshape(3,3)
```

```python
new_array
```

```
array([[83, 25, 19],
       [47, 62, 15],
       [96, 39, 51]])
```

```python
new_array.ndim
```

```
2
```

```python
new_array.ravel()
```

```
array([83, 25, 19, 47, 62, 15, 96, 39, 51])
```

```python
newm=new_array.reshape(3,3)
```

```python
newm
```

```
array([[83, 25, 19],
       [47, 62, 15],
       [96, 39, 51]])
```

```python
newm[2,1:3]
```

```
array([39, 51])
```

```python
newm[1:2,1:3]
```

```
array([[62, 15]])
```

```python
new_array[0:3,0:0]
```

```
array([], shape=(3, 0), dtype=int64)
```

```python
new_array[0:2,0:1]
```

```
array([[83],
       [47]])
```

```python
new_array[0:3,0:1]
```

```
array([[83],
       [47],
       [96]])
```

```python
new_array[1:3]
```

```
array([[47, 62, 15],
       [96, 39, 51]])
```