```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]])