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# numpy.ndarray.tolist

ndarray. tolist ()

Return the array as a (possibly nested) list.

Return a copy of the array data as a (nested) Python list. Data items are converted to the nearest compatible Python type.

Parameters: none Returns: y : list

The possibly nested list of array elements.

#### Notes

The array may be recreated, a = np.array(a.tolist()).

### Examples

```
>>> a = np.array([1, 2])

>>> a.tolist()

[1, 2]

>>> a = np.array([[1, 2], [3, 4]])

>>> list(a)

[array([1, 2]), array([3, 4])]

>>> a.tolist()

[[1, 2], [3, 4]]
```

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