# Numpy-Array

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# Arrays

The *NumPy* (Numeric Python) package helps us manipulate large arrays and matrices of numeric data.

To use the *NumPy* module, we need to import it using:

```
import numpy
```

## Arrays

A *NumPy* array is a grid of values. They are similar to lists, except that every element of an array must be the same type.

```
import numpy

a = numpy.array([1,2,3,4,5])
print a[1]          #2

b = numpy.array([1,2,3,4,5],float)
print b[1]          #2.0
```

In the above example, `numpy.array()` is used to convert a list into a *NumPy* array. The second argument (float) can be used to set the type of array elements.

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## Task

You are given a space separated list of numbers.
Your task is to print a reversed *NumPy* array with the element type `float`.

## Input Format

A single line of input containing space separated numbers.

## Output Format

Print the reverse *NumPy* array with type float.

## Sample Input

```
1 2 3 4 -8 -10
```

## Sample Output

```
[-10.  -8.   4.   3.   2.   1.]
```

1/1

```python
import numpy

def arrays(arr):
    # complete this function
    # use numpy.array
    arr=numpy.array(arr)
    return numpy.float64(arr)[::-1]

arr = input().strip().split(' ')…
```