





# Arrays 🚖

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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.

#### 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.

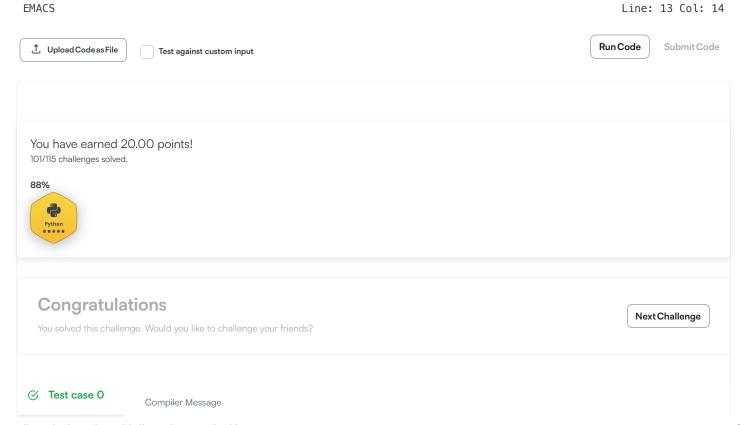
## Sample Input

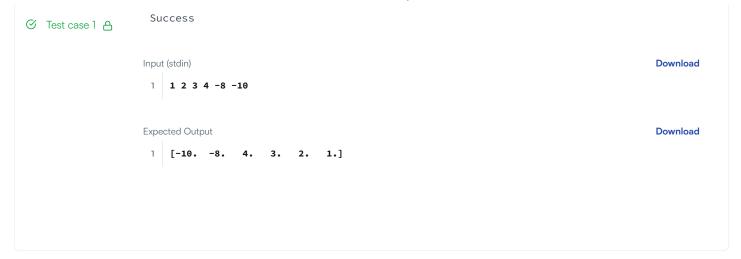
1 2 3 4 -8 -10

# Sample Output

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

Change Theme Language Python 3 import numpy 2 def arrays(arr): 4 # complete this function 5 # use numpy.array a = numpy.array(arr, float) 7 return numpy.flip(a) 8 9 10 arr = input().strip().split(''') ... 11





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