



> [\\_ Launch Interactive Shell](#)

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# Python 3: List comprehensions
>>> fruits = ['Banana', 'Apple', 'Lime']
>>> loud_fruits = [fruit.upper() for fruit in fruits]
>>> print(loud_fruits)
['BANANA', 'APPLE', 'LIME']

# List and the enumerate function
>>> list(enumerate(fruits))
[(0, 'Banana'), (1, 'Apple'), (2, 'Lime')]
```

## Compound Data Types

Lists (known as arrays in other languages) are one of the compound data types that Python understands. Lists can be indexed, sliced and manipulated with other built-in functions. [More about lists in Python 3](#)

Python is a programming language that lets you work quickly and integrate systems more effectively.

>>> [Learn More](#)

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## Get Started

Whether you're new to programming or an experienced developer, it's easy to learn and use Python.

Start with our [Beginner's Guide](#) ([/about/gettingstarted/](#))

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## Download

Python source code and installers are available for download for all versions!

Latest: [Python 3.11.4](#) ([/downloads/release/python-3114/](#))

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## Docs

Documentation for Python's standard library, along with tutorials and guides, are available online.

[docs.python.org](#) (<https://docs.python.org>)