

Introduction to

# Programming with Python

Libraries

modules

random

[docs.python.org/3/library/random.html](https://docs.python.org/3/library/random.html)

`import`

```
random.choice(seq)
```

from

```
random.randint(a, b)
```



```
random.shuffle(x)
```

statistics

[docs.python.org/3/library/statistics.html](https://docs.python.org/3/library/statistics.html)

command-line arguments

```
python hello.py ...
```

sys

[docs.python.org/3/library/sys.html](https://docs.python.org/3/library/sys.html)

`sys.argv`



`IndexError`

`sys.exit`

slices

packages

PyPI

[pypi.org](https://pypi.org)

cowSay

[pypi.org/project/cowsay](https://pypi.org/project/cowsay)



pip

APIs

requests

[docs.python-requests.org](https://docs.python-requests.org)

JSON

[docs.python.org/3/library/json.html](https://docs.python.org/3/library/json.html)

\_\_name\_\_

Introduction to

# Programming with Python

Libraries