



Introduction to Python Functions

Functions

D.R.Y - "Don't Repeat Yourself"

Allow execution of pre-defined code blocks without re-writing

Helps organize code

A program that is one long, complex sequence of statements



statement
statement
statement
statement
statement
...

Functions

A program divided into smaller tasks



```
def function1():  
    statement  
    statement
```

```
def function2():  
    statement  
    statement
```

```
def function3():  
    statement  
    statement
```

Types of functions in Python

Built-in functions

Value-returning functions

Void functions

Lambda expressions