



Day 8: Loops (For)

Loops are control structures that allow you to execute a block of code repeatedly.

Types of Loops

There are 3 types of loops in Python:

- For
- While
- Nested

For

```
# Looping through list
fruits = ['apple', 'banana', 'cherry']
for fruit in fruits:
    print(fruit)

# Looping through string
for alphabet in 'banana':
    print(alphabet)

# The break statement
fruits = ['apple', 'banana', 'cherry']
for fruit in fruits:
    print(fruit)
    if fruit == 'banana':
        break

# The break statement example 2
```

```
for fruit in fruits:
    if fruit == 'banana':
        break
    print(fruit)

# The continue statement
for fruit in fruits:
    if fruit == 'banana':
        continue
    print(fruit)

# The range() function
for x in range(6):
    print(x)

for x in range(3, 6):
    print(x)

# Else in For Loop
for x in range(6):
    print(x)
else:
    print("Finally finished!")
```