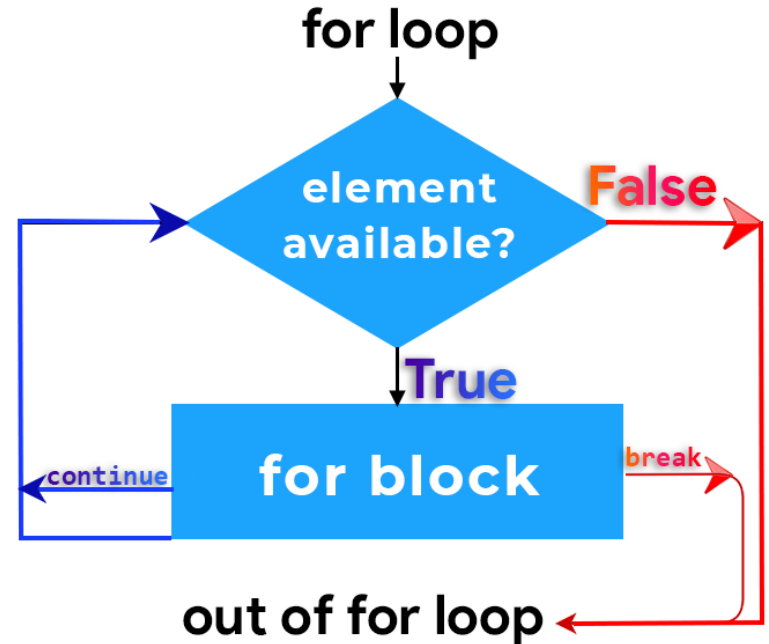# Python
Bootcamp
& Masterclass

for
loop

If the number of times a loop is executed is specified explicitly in advance, it is called definite iteration and **for** loop can be used for definite iteration.

The **else** part of the **for** loop is optional and is used rarely. The else block will be executed only if the loop terminates "by exhaustion" (if the loop iterates until the iterable is exhausted) If the loop is exited by a break statement, the else block won't be executed.

```
for <var> in <iterable>:
    <statement(s)>
else:
    <statement(s)>
```


for loop

element available?

False

True

continue

break

for block

out of for loop

```python
for i in (1,2,3):
    print(i)
print("DONE")
```

```
1
2
3
DONE
```

```python
for i in (1,2,3):
    if i == 2:
        break
    print(i)
else:
    print("done")
print("DONE")
```

```
1
DONE
```

```python
for i in (1,2,3):
    if i == 2:
        continue
    print(i)
else:
    print("done")
print("DONE")
```

```
1
3
done
DONE
```

Online Resources

For best python resources, please visit:

gknxt.com/python/

Python Bootcamp & Masterclass

Thank You
for your Rating & Review

gknxt