

# Enumerate Iterables

```
for index in range(len(arr)):
    elem = arr[index]
    print(elem)
```

```
for index in range(len(arr)):
    elem = array[index]
    print(index, elem)
```

```
for elem in arr:
    print(elem)
```

```
for index, elem in enumerate(arr):
    print(index, elem)
```

# Loop Techniques

```
for i in range(len(colors)):
    color = colors[i]
    name = names[i]
    print(color, name)

for ind in range(len(elems) - 1,
                 -1, -1):
    print(elems[ind])
```

```
for color, name in zip(colors,
                       names):
    print(color, name)

for elem in reversed(elems):
    print(elem)
```