

































## Aim: How does the for loop work?

The following 2 loops are equivalent:

```
g = [1, 2, 3, 4]
```

loop A:

```
i = 0
```

```
while i < len(g):
```

```
    x = g[i]
```

```
    print(x)
```

```
    i += 1
```

loop B:

```
for x in g:
```

```
    print(x)
```

Questions to ponder:

Why does the while loop have more lines?

What is happening to x in the for loop?

Can you tell what index you are looking at in the for loop?



