



Introduction to PYTHON

for loop

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Syntax of for Loop

```
for var in object:  
    statements
```

Assign object items to var

Repeated loop body: can use var

```
L = [10, 20, 30, 40]  
for a in L:  
    print(a)
```

for loop with else

```
d = [10, 20, 30, 40]
```

```
for i in d:
```

```
    print(i)
```

```
else:
```

```
    print("No items left.")
```

for loop with else

```
for i in range(10):  
    print(i)  
else:  
    print("No items left.")
```

for loop with else

```
for i in range(10):
```

```
    if i==5:
```

```
        break
```

```
    print(i)
```

```
else:
```

```
    print("No items left.")
```