

Specifying Default Values

```
def connect(dev_IP, username='cisco',  
            password='cisco'):
```

```
    ...  
    ...
```

specifying
default
values

```
graph LR
    A[specifying default values] --> B[def connect(... username='cisco', password='cisco'):]
    C[using defaults] --> D[session = connect('10.0.0.1')]
    B --> D
```

using
defaults

```
    ...
```

```
session = connect('10.0.0.1')
```



Python allows callers of functions to omit arguments if they so choose.

In such cases, the function definition will have to provide the default values for the parameters that can be omitted. In the example below, the function definition specifies default values for the username and password:

```
def connect(dev_IP, username='cisco',  
            password='cisco'):
```

```
    ...  
    ...
```

```
    ...
```

```
session = connect('10.0.0.1')
```

The calling code in the example specifies only the first argument, and the others are omitted. When called, the function will insert default values for username and password.