

*Awww?!*

In python,  
**“Unveil namespace”**  
**Name Management System**

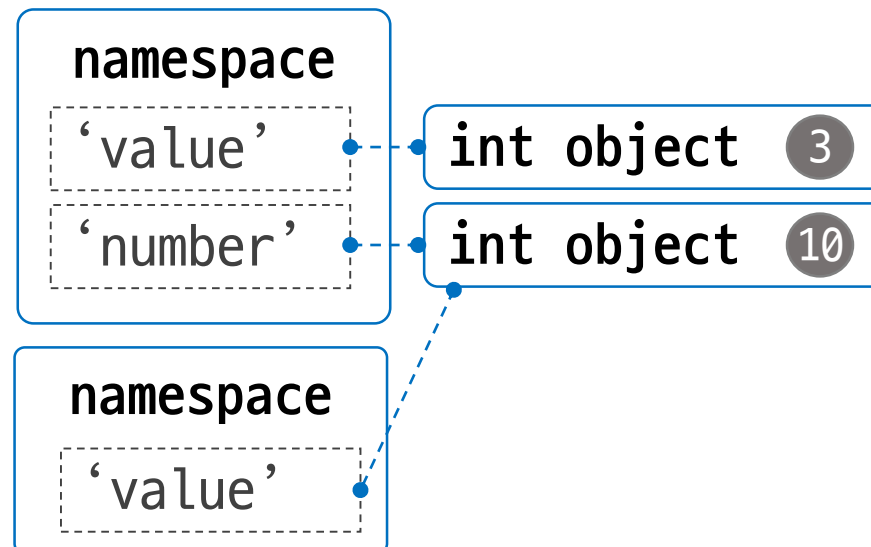
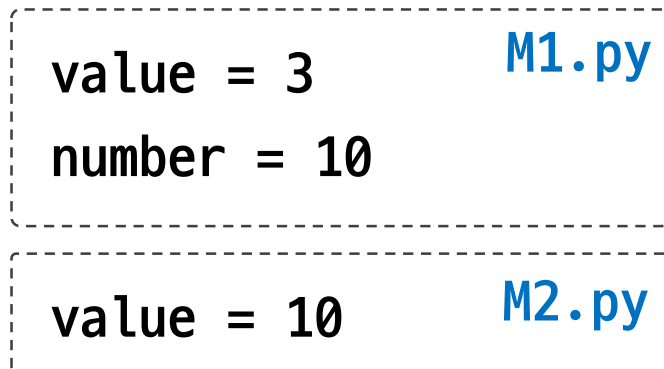
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# ‘Unveil namespace 1/3’

- What is ‘**name**’ for in python?

name is an identifier to distinguish ‘object’

- ✓ use ‘namespace’ to manage many names
- ✓ can use the same name, if ‘namespace’ is different
- ✓ different names can bind the same ‘object’
- ✓ can insert, update and delete names from ‘namespace’



# ‘Unveil namespace 2/3’

- What is ‘namespace’ in python?

a dict type container for name management

- ✓ insert or update name with ‘=’ delimiter
- ✓ delete name with ‘del’ keyword
- ✓ can use names in namespaces only
- ✓ if use the name not in namespaces, ‘NameError’

```
value = 3
```

M1.py

```
value = 10
```

```
del value
```

```
print(value)
```

**NameError!**

namespace

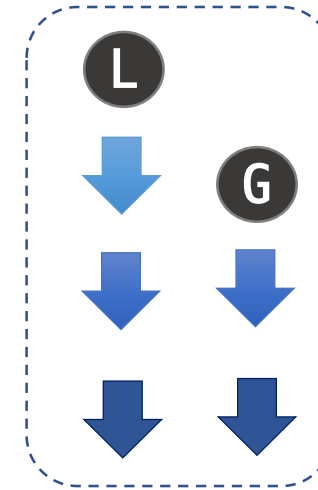
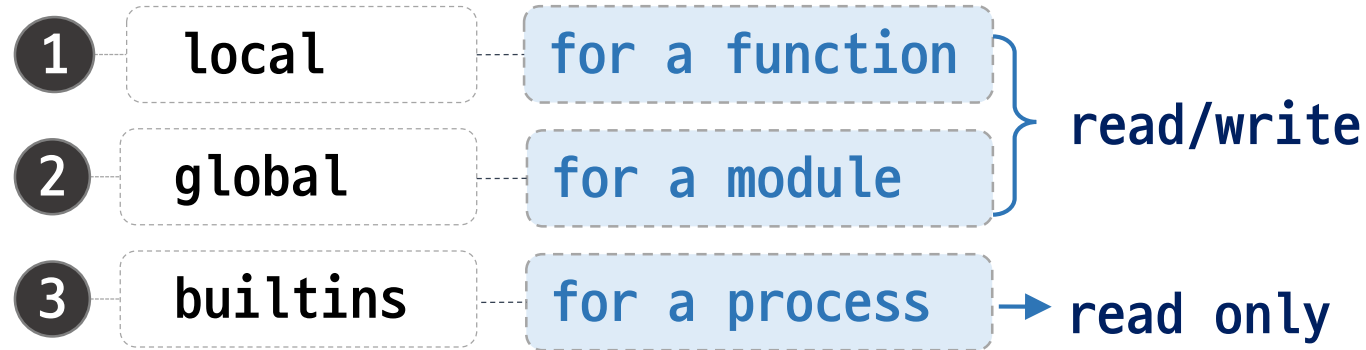
‘value’

int object 3

int object 10

# ‘Unveil namespace 3/3’

- What kind of namespaces are in python?



ONLY  
when “READ”

