



**Eg:** `__builtins__`, `__cached__`, `'__doc__'`, `__file__`, `__loader__`, `__name__`, `__package__`, `__spec__`

Based on our requirement we can access these properties also in our program.

**Eg: test.py:**

```
1) print(__builtins__ )
2) print(__cached__ )
3) print(__doc__ )
4) print(__file__ )
5) print(__loader__ )
6) print(__name__ )
7) print(__package__ )
8) print(__spec__ )
9)
10) Output
11) <module 'builtins' (built-in)>
12) None
13) None
```

**test.py**

```
1) <_frozen_importlib_external.SourceFileLoader object at 0x00572170>
2) __main__
3) None
4) None
```

## The Special variable `__name__`:

For every Python program , a special variable `__name__` will be added internally. This variable stores information regarding whether the program is executed as an individual program or as a module.

If the program executed as an individual program then the value of this variable is `__main__`

If the program executed as a module from some other program then the value of this variable is the name of module where it is defined.

Hence by using this `__name__` variable we can identify whether the program executed directly or as a module.