The ``1-my\_list`` module

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Using ``MyList``

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Importing the function from the module:

>>> MyList = \_\_import\_\_("1-my\_list").MyList

Checking for module docstring:

>>> m = \_\_import\_\_("1-my\_list").\_\_doc\_\_

>>> len(m) > 1

True

Checking for class docstring:

>>> c = \_\_import\_\_("1-my\_list").MyList.\_\_doc\_\_

>>> len(c) > 1

True

Checking for method docstring:

>>> mod = \_\_import\_\_("1-my\_list").MyList.print\_sorted.\_\_doc\_\_

>>> len(mod) > 1

True

Checking that MyList inherits from list:

>>> issubclass(MyList, list)

True

Checking for empty list:

>>> l = MyList()

>>> l.print\_sorted()

[]

Checking that appendng works:

>>> l.append(1)

>>> l.append(2)

>>> l.append(3)

>>> l.append(4)

>>> print(l)

[1, 2, 3, 4]

Checking for list already in correct order:

>>> l.print\_sorted()

[1, 2, 3, 4]

Checking for reversed order list:

>>> l = MyList()

>>> l.append(4)

>>> l.append(3)

>>> l.append(2)

>>> l.append(1)

>>> print(l)

[4, 3, 2, 1]

>>> l.print\_sorted()

[1, 2, 3, 4]

>>> print(l)

[4, 3, 2, 1]

Checking for one negative number:

>>> l.append(-1)

>>> l.append(5)

>>> print(l)

[4, 3, 2, 1, -1, 5]

>>> l.print\_sorted()

[-1, 1, 2, 3, 4, 5]

>>> print(l)

[4, 3, 2, 1, -1, 5]

Checking for all negative numbers:

>>> l = MyList()

>>> l.append(-10)

>>> l.append(-1)

>>> l.append(-7)

>>> l.append(-2)

>>> l.append(-8)

>>> print(l)

[-10, -1, -7, -2, -8]

>>> l.print\_sorted()

[-10, -8, -7, -2, -1]

>>> print(l)

[-10, -1, -7, -2, -8]

Checking for too many arguments:

>>> l.print\_sorted(1)

Traceback (most recent call last):

...

TypeError: print\_sorted() takes 1 positional argument but 2 were given