

[ [Index](#) | [Exercise 1.4](#) | [Exercise 1.6](#) ]

## Exercise 1.5

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*Objectives:*

- Review of how to define a simple object

*Files Created:* `stock.py`

### (a) Defining a simple object

Create a file `stock.py` and define the following class:

```
class Stock:
    def __init__(self, name, shares, price):
        self.name = name
        self.shares = shares
        self.price = price
    def cost(self):
        return self.shares * self.price
```

Once you have done this, run your program and experiment with your new `Stock` object:

```
>>> s = Stock('GOOG', 100, 490.10)
>>> s.name
'GOOG'
>>> s.shares
100
>>> s.price
490.1
>>> s.cost()
49010.0
>>> print('%10s %10d %10.2f' % (s.name, s.shares, s.price))
      GOOG        100      490.10
>>> t = Stock('IBM', 50, 91.5)
>>> t.cost()
4575.0
>>>
```

[ [Solution](#) | [Index](#) | [Exercise 1.4](#) | [Exercise 1.6](#) ]

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