1. In a file called **stock.py**, make a class Stock with 3 methods and one attribute called **value**.

class Stock:

1. A new instance of a Stock object calls the init method below. This initializes the stock’s **value** to the purchase\_price argument, which has a default value of $10000.

def \_\_init\_\_(self, purchase\_price = 10000):

"""Initialize the value."""

self.value = purchase\_price

1. The Stock class needs a method called gain() that generates a random number between 1 and 10, using the randint method from the random [standard library](https://docs.python.org/3.7/library/index.html). Get this with:

from random import randint

amt = randint(1,10)

* 1. **Add the result to the *value* of the stock.**

1. In a file called **finances.py, import Stock** from the file stock.py. Create a new stock with a purchase price of $50000, and let it gain money for 10 days. At the end of 10 days, **print the results. (Stock needs a function to either print or return the value).**

You must upload both python files AND a screenshot showing the code running.