**Bonus Lab: Stock Class**

Write a class, Stock.java, that conforms to the following API:

Constructor:

Takes 3 parameters: ticker symbol (String), name (String) and price (double)

Setters:

* setTickerSymbol
* setName
* setPrice – note that this should also update the percentage change of the stock

Getters:

* getTickerSymbol
* getName
* getPrice
* getPercent – gives the percentage change of the stock since the previous change
* getUpDown – returns the word up if the stock increased since the previous change, otherwise the word down

Finally, write a toString() method that returns the object formatted as shown below. Your program should work with the main method below.

45 public static void main(String[] args) {  
46 Stock brka = new Stock("BRK-A",   
47 "Berkshire Hathaway Inc. Class A", 246700);  
48 brka.setPrice(245790);  
49 System.out.println(brka);  
50 }



