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Assignment 05

1 --

You have recently started investing with \$100 and made four transactions so far. Your transaction data is available to you via two variables `price` and `data` .

In the `data` variable, `B` means you bought a stock, and `S` means you sold a stock. `B5` means you bought five stocks, and `S3` means you sold three stocks. The `price` variable has information about the price at which you bought or sold your stocks.

Compute the final balance and the profit you've earned after the 4th transaction.

In [1]:

```
prices = [3.16, 5.12, 4.49, 6.12]
data = ["B5", "S10", "B2", "S3"]

total = 100
profit = 0
### YOUR CODE STARTS HERE

### YOUR CODE ENDS HERE
print("Balance =", total)
print("Profit =", profit)

"""
### YOUR EXPLANATION STARTS HERE

### YOUR EXPLANATION ENDS HERE
"""
```