# Scenario

You are a developer in an Agile development team at “Trading Places”, a small but growing hedge fund, and you have been assigned to work on one of the numerous trading strategies.

Trading Places uses a small broker ‘Reutberg’ for issuing price quotes and executing trades.

# Instructions

Your task is to write an implementation of ITradingStrategy. This implementation should request price quotes from Reutberg, and execute a buy trade if the price drops by a user specified percentage figure of the first quoted price.

You may reference any free to use external libraries of your choice.

You have 45 minutes to complete the test.

# Resources

You have been provided with two assemblies:

### TradingPlaces.Resources.dll

Contains the ITradingStrategy to implement, and related classes.

### Reutberg.dll

Third party library, containing the service to connect to Reutberg infrastructure, issue price quotes and execute trades.

For simplicity, this library assumes all prices are USD.

There are 3 main methods available:

**decimal GetQuote(string ticker)**: Returns the current price for the specified ticker

**decimal Buy(string ticker, int quantity)** : Executes a buy trade for the specified ticker and amount, and returns the value of the trade.

**decimal Sell(string ticker, int quantity)** : Executes a sell trade for the specified ticker and amount, and returns the value of the trade.