

Mercor

Mercor is the latin word for “I trade” and that is precisely the purpose of this language. Mercor can be used to automate trading strategies, make more accurate predictions based on trading models, or even just learn more about market trends. Here are some basic examples of the language in use:

Ex 1:

```
start
x=((3.02*(5.05-3.92))/4.12412)
give x
end
```

Terminal/Output:

```
0.8274734973764101
```

Key Takeaways: doubles, addition, subtraction, division, printing, braces/brackets

Ex 2:

```
start
enter LLNW
give Current_stock_price
enter BSFC
volumevolatility=Average_volume_three_month-Volume
give volumevolatility
end
```

Terminal/Output: (note that this depends on the current values)

```
4.08
-9423798.47
```

Key Takeaways: entering a stock, changing stocks, stock commands, command operations, negative doubles

Ex 3:

```
start
enter BNTX
if(Current_stock_price>145.212)start
    give text you_should_buy
end
start
    give text sell_asap
end
enter GDJ
savings=100.01
loop((Distance_from_twohundred_Day_Simple_Moving_Average notis
Distance_from_fifty_Day_Simple_Moving_Average) and
(savings>0.00))start
    give text buyOneStock
    savings=savings-Current_stock_price
end
```

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end

Terminal/Output:

```
you_should_buy  
buyOneStock  
buyOneStock  
buyOneStock  
buyOneStock
```

Key Takeaways: conditionals, ifs/else, text, loops, is/!is (notis), and/or, iterations of loops

Conclusion: There are a lot more commands and a lot more stocks you can analyze. (Find a whole list of supported commands here: <https://tinyurl.com/mercorlang> Additionally, there is a lot more operations and uses for this that I'm still working on (such as taking the output and sending a request to do some action, making the organization of stocks/commands much more efficient in a tree, and fixing the formatting issues with non-supported commands)