Hi! Welcome to the Golang coding challenge 😊.

Stock Server

Please make use of the free API from https://www.worldtradingdata.com to complete this challenge.

Create a micro-service with the following endpoint,

/stock/{symbol}

Returns the stock prices of the given stock symbol from the exchanges provided in the query parameter. If no query parameter is given then return the value of stock from AMEX (default) stock exchange.

symbol must be a valid stock symbol.

Query Params:

stock_exchange - Optional. This should accept all valid exchange names. eg. stock_exchange=NASDAQ,NYSE

Response:

```
{
    "NASDAQ":{
        "symbol":"AAPL",
        "name":"Apple Inc.",
        "price":"154.94",
        "close_yesterday":"154.94",
        "currency":"USD",
        "market_cap":"732835688367",
        "volume":"142022",
        "timezone":"EST",
        "timezone_name":"America/New_York",
        "gmt_offset":"-18000",
        "last_trade_time":"2019-01-16 16:00:01"
    }
}
```

Please do not include the stock exchange in the result if the symbol is not traded or available there.

Rules

- Golang must be used to complete the challenge.
- Avoid using libraries and if you use so, please justify their use.
- Dependencies need to be managed if you use any external libraries.
- Solution must be able to be readily run or deployed and of production quality.

- Ideal time to complete this challenge is 4 hours but must attempt to complete within a day.