

Forter home assignment

Hello candidate!

Welcome to the home assignment. For the home assignment we would like you to build an interest comparison engine for cryptocurrencies.

System requirements

Our users would like to have a system that shows them the difference between coins' prices some time ago and the current price

Please create a server that accepts a list of coins and a date in the past and returns the difference in percentage between that time and now. Sort the response array from best performing coin to worst.

E.g. the user sends this list:

BTC, ETH, BNB, DOGE

And the date 01/01/2020

The system will return

DOGE: 3010%, BTC: 200%, ETH: 50%, BNB: -10%

What is expected

- A well planned API
- Correct results, use [CryptoCompare](#) for the data
- Efficient implementation
- Clean code
- Attention to details and edge cases
- Add tests
- Have the server deployed (no matter where as long as we can access it)

The code should be pushed to a github repository

Estimated time needed: around 2 hours

Good luck!