Solutions Team Interview Homework V2

You are asked to provide liquidity to the Exchange, placing open orders and adjusting the price when the market is moving. To keep it simple:

- On symbol BTCUSDT or BTCBUSD
- Get the latest price from the production site (https://binance.com)

- Place a bid open order and an ask open order on testnet (https://testnet.binance.vision), if the price on the production site moves to a position where your bid or ask order can be filled, cancel them and place them again. For example:

  - On the production site, the latest BTCUSDT price is $20,000. First, you place two orders on the testnet:

    ```
    - 1) A bid order with price $19,900
    - 2) An ask order with price $20,100
    ```

  - Then soon later on the production site, the latest price changed to $20,150. Because your ask order on testnet can be filled by that price, you will need to cancel both the bid and ask orders and place them again.

Notes:

- Should not use any pre-build library related to Binance or other crypto exchanges.
- Language is not limited, but please give details of how to run.
- UI is not required, running from the terminal is enough.
- Submit the code into a GitHub repository, commit history will also be reviewed.
- High quality code is expected, production-ready standards.