**Crypto-currency trading bot**

The aim of this bot would be to scan multiple cryptocurrencies and exchanges as well as spot price discrepancies for arbitrage opportunities.

I am providing you with the structure of this bot that requires the following:

1. The addition of crypto currency tokens to the original code
2. More exchanges to the code
3. The use of logic that can compare prices
4. Execute trades at profitable times, based off the logic used to compare prices
5. Integrate flash loans as leverage

**Structure of the bots provided without the above added:**

1. Price discovery bot, which is a Node.js application. This app is blockchain based. It scans two exchanges and fetches prices for three tokens and logs prices side by side.
2. The second bot has two parts: Code that also checks cryptocurrency prices and code that trades cryptocurrency. It does this natively on the blockchain and it is all powered by smart contracts.

These two bots will be used for arbitrage, which is the practice of taking advantage of price differences on two or more markets. The goal of arbitrage is to profit from the price discrepancies occurring in these exchanges. Smart contracts will be used to integrate flash loans and limit liability.

**Expected from the developer:**

The developer would need to integrate flash loans into the code as leverage for arbitrage, which will require the coding of the smart contracts that borrows a desired amount from a cryptocurrency lending pool such as Aave or DYDX.