

Intuition Technical Test

Hi there 😊

The objective of this exercise is to create a simple cryptocurrency notification **python app** app using the CoinAPI API 📄

<https://docs.coinapi.io/> (you'll need to create a free account to get an API key)

Required features ✅

- CLI, API
 - Manage (create, read, update, delete) cryptocurrency alerts
 - Example:
 - Create an alert for when BTC falls under 5000\$
 - List all my alerts for BTC
 - Mechanism listening for cryptocurrencies changes and sending alerts (display or email)
- BTC support

Bonus features ★

- 💪 **Multi-currency:** Be able to create alerts for other currencies
- 💪 **Tests:** Be able to create alerts for other currencies
- 💪💪 **Percentage change:** Be able to create an alert when the cryptocurrency increases by X% in a given timeframe
 - Example:
 - Create an alert for when BTC decreases by 20% compared to its value at the alert creation
- 💪💪💪 **UI:** to sign-up / login / create / modify alerts
- 💪💪💪 **Hexagonal architecture**

🥁 Instructions 🥁

- Use python
- Push to a public github repo
- You can use chatgpt

For any questions, write to philip@intuition-software.com 😊