

Challenge 2: Asteroid Alert ⚠️

Use NASA's NeoWs API (Near-Earth Object Web Service) to find the closest asteroid approaching Earth today and display its speed and distance.

Tasks:

- 1- Fetch today's closest asteroid using the NASA NeoWs API.
- 2- Extract its name, speed (km/h), and distance (in lunar distances - LD).
- 3- Print a warning message in the format:

"Asteroid X is approaching! Speed: xxx km/h | Distance: x.xx LD"

- 4- if no asteroids are approaching today, print:

No asteroids approaching Earth today.

Extra: Add the distance in km so the final message be:

"Asteroid X is approaching! Speed: xxx km/h | Distance: x.xx LD / XXX km"

Resources:

- NASA API Documentation: <https://api.nasa.gov/>
- NeoWs API Endpoint: https://api.nasa.gov/neo/rest/v1/feed/today?api_key=DEMO_KEY
- JSON Formatter for Easier Parsing: <https://jsonformatter.org/json-parser>

Helpful Information:

- Distance will be provided in Astronomical Units (AU) and Lunar Distances (LD).
- 1 LD = 384,400 km (distance from Earth to Moon).
- 1 AU = 149.6 million km (distance from Earth to the Sun).

Important Notes:

- **Create your own api key don't rely on the demo key**