TIES456 demo 2

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Task 1: Random values API

GET /distances

Returns a random distance in feet and metres.

Query parameters:

- *min* [number]: inclusive minimum value in metres, default 0
- *max* [number]: exclusive maximum value in metres, default 1000

Example:

- a random distance between 1 and 2 metres: /distances?min=1&max=2

Errors:

- HTTP 400 for invalid parameters (e.g. type errors, max > min)

Utilized SOAP services:

- [unit convertor](#) from webservicex
- RandomWebService
  - custom SOAP service with a single operation: *randomNumber(min, max)*

Task 2: Dropbox REST client

Fetches access token and user info as per instructions.

As an additional action, app folder metadata is fetched and printed to console.