

# Use github API for fetching repositories

- test\_case.py
  - Step1. enter username and token as auth
  - Step2. enter the test case id
    - id == 1:
      - call\_github\_api(per\_page=100)
      - get\_top\_100\_repos()
    - id == 2:
      - call\_github\_api(per\_page=1)
      - get\_top\_one\_repo()
    - id == 3:
      - call\_github\_api(per\_page=100)
      - get\_specific\_repo(id)

# Use github API for fetching repositories (cont'd)

- `github_api.py`
  - Import packages
    - `import pandas`
      - Use pandas package to display the essential information of fetching data.
    - `import requests`
      - Use requests to fetch data via GET method
  - Class
    - `github_api`
      - Method
        - `call_github_api()`
        - `get_top_100_repos()`
        - `get_top_one_repo()`
        - `get_specific_repo()`

# Flow:

