[Function]

* Create basic web app and deploy in free web cloud server

[Materials]

* Resource:
  + Layout.html, sub\_home.html, sub\_about.html files
  + Procfile -> generated to define which script should be run
  + Requirements.txt -> dependence package

[Steps]

1. Install virtual environment

* Pip install virtualenv
* Python –m venv virtual -> create folder environment
* Virtual\Scripts\pip install flask -> install flask

1. Download heroku toolbelt
2. CLI: login -> create app
3. Install gunicorn in virtual environment -> gunicorn: Python web server
4. Create a requirement.txt: "pip freeze > requirements.txt"
5. Create a file named "Procfile" -> define script run
6. Create git repo -> "heroku git:remote --app appName" -> commit push

[Result]

