

## CLI INTERFACE

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### Way to use it:

In this project I have used python . libraries like typer ,pandas,json to complete the functionalities of the assignment.

To use the functionalities .

```
python akash.py check-version <csv_filename> <packagename>@<version>
```

example : `python akash.py check-version test.csv axios@1.1.2`

Note: given should not contain slash at the last(/)

#### 1) check-version

- a. it will take the parameters
  - i. CSV file
  - ii. Package name
  - iii. Version (threshold )
  - iv. The it will return the csv file which will have current package version
  - v. And true or false according to satisfaction of the version provided by the user.

#### 2) Modify :

- a. This function modify the given csv url into format that version.py file get the response and can fetch the version of the package.

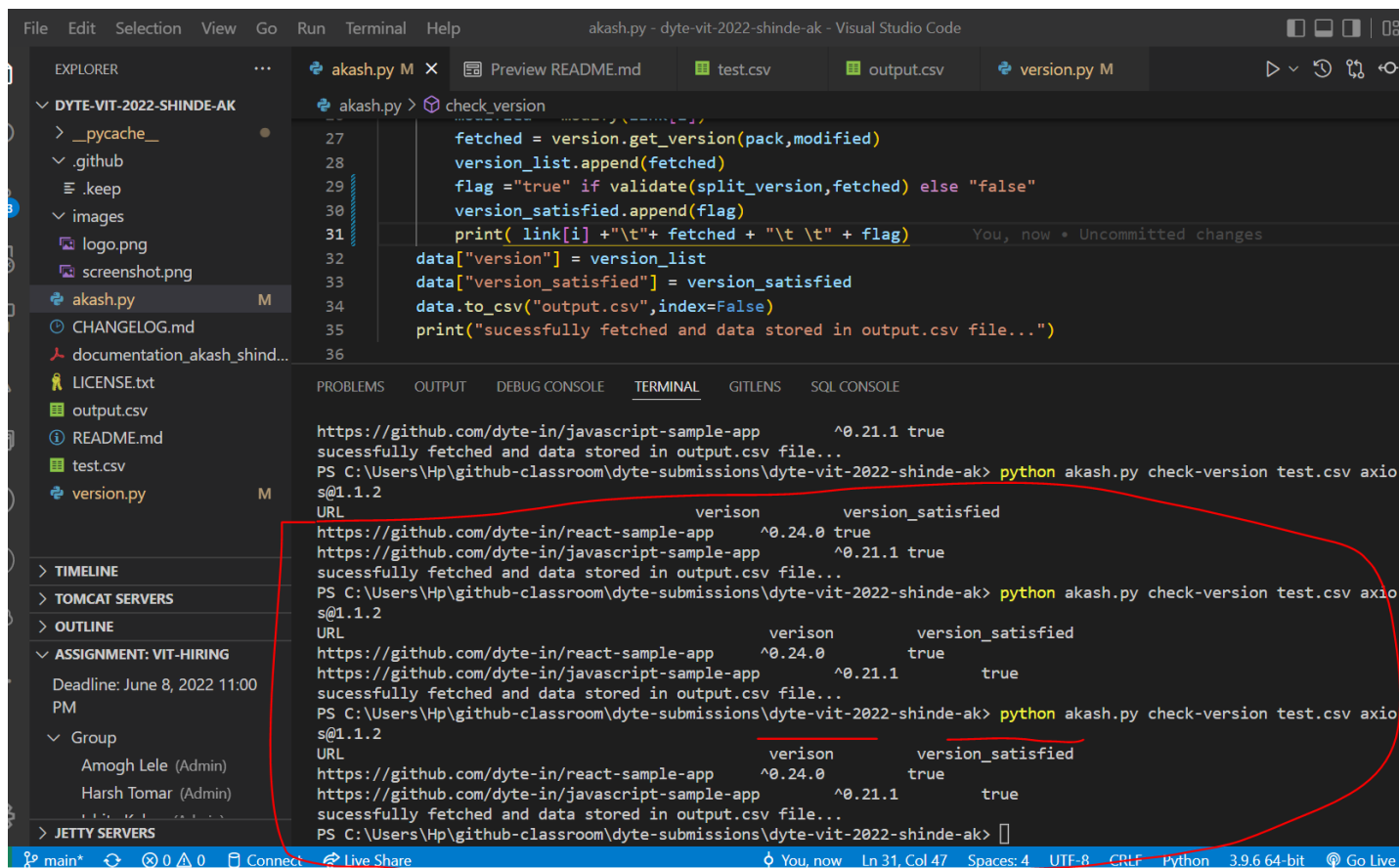
#### 3) Validate:

- a. This function validate the version if the package version is above the threshold provided by the user

4) It contains version.py file

a. Which is for fetching the version of the give package

Screen shot of the output :



```
File Edit Selection View Go Run Terminal Help
akash.py - dyte-vit-2022-shinde-ak - Visual Studio Code

EXPLORER
  DYTE-VIT-2022-SHINDE-AK
    > __pycache__
    > .github
    > .keep
    > images
    logo.png
    screenshot.png
    akash.py M
    CHANGELOG.md
    documentation_akash_shind...
    LICENSE.txt
    output.csv
    README.md
    test.csv
    version.py M

    > TIMELINE
    > TOMCAT SERVERS
    > OUTLINE
    > ASSIGNMENT: VIT-HIRING
      Deadline: June 8, 2022 11:00 PM
      > Group
        Amogh Lele (Admin)
        Harsh Tomar (Admin)
    > JETTY SERVERS

    akash.py > check_version
    27     fetched = version.get_version(pack,modified)
    28     version_list.append(fetched)
    29     flag = "true" if validate(split_version,fetched) else "false"
    30     version_satisfied.append(flag)
    31     print( link[i] + "\t" + fetched + "\t \t" + flag)
    32
    33     data["version"] = version_list
    34     data["version_satisfied"] = version_satisfied
    35     data.to_csv("output.csv",index=False)
    36     print("sucessfully fetched and data stored in output.csv file...")

    PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL GITLENS SQL CONSOLE

    https://github.com/dyte-in/javascript-sample-app ^0.21.1 true
    sucessfully fetched and data stored in output.csv file...
    PS C:\Users\Hp\github-classroom\dyte-submissions\dyte-vit-2022-shinde-ak> python akash.py check-version test.csv axios@1.1.2
    URL          verison      version_satisfied
    https://github.com/dyte-in/react-sample-app ^0.24.0 true
    https://github.com/dyte-in/javascript-sample-app ^0.21.1 true
    sucessfully fetched and data stored in output.csv file...
    PS C:\Users\Hp\github-classroom\dyte-submissions\dyte-vit-2022-shinde-ak> python akash.py check-version test.csv axios@1.1.2
    URL          verison      version_satisfied
    https://github.com/dyte-in/react-sample-app ^0.24.0 true
    https://github.com/dyte-in/javascript-sample-app ^0.21.1 true
    sucessfully fetched and data stored in output.csv file...
    PS C:\Users\Hp\github-classroom\dyte-submissions\dyte-vit-2022-shinde-ak> python akash.py check-version test.csv axios@1.1.2
    URL          verison      version_satisfied
    https://github.com/dyte-in/react-sample-app ^0.24.0 true
    https://github.com/dyte-in/javascript-sample-app ^0.21.1 true
    sucessfully fetched and data stored in output.csv file...
    PS C:\Users\Hp\github-classroom\dyte-submissions\dyte-vit-2022-shinde-ak> 
```

