

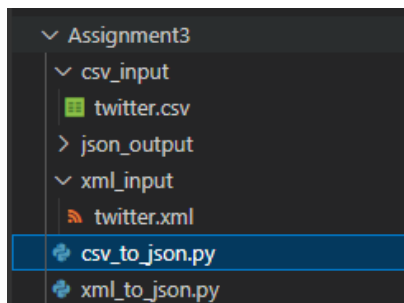
CSV to JSON and XML to JSON converter.

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Welcome to my CSV to JSON and XML to JSON converter for the 'twitter.csv' and 'twitter.xml' files in the CSCI-C442 Database Applications class 3/31/2025.

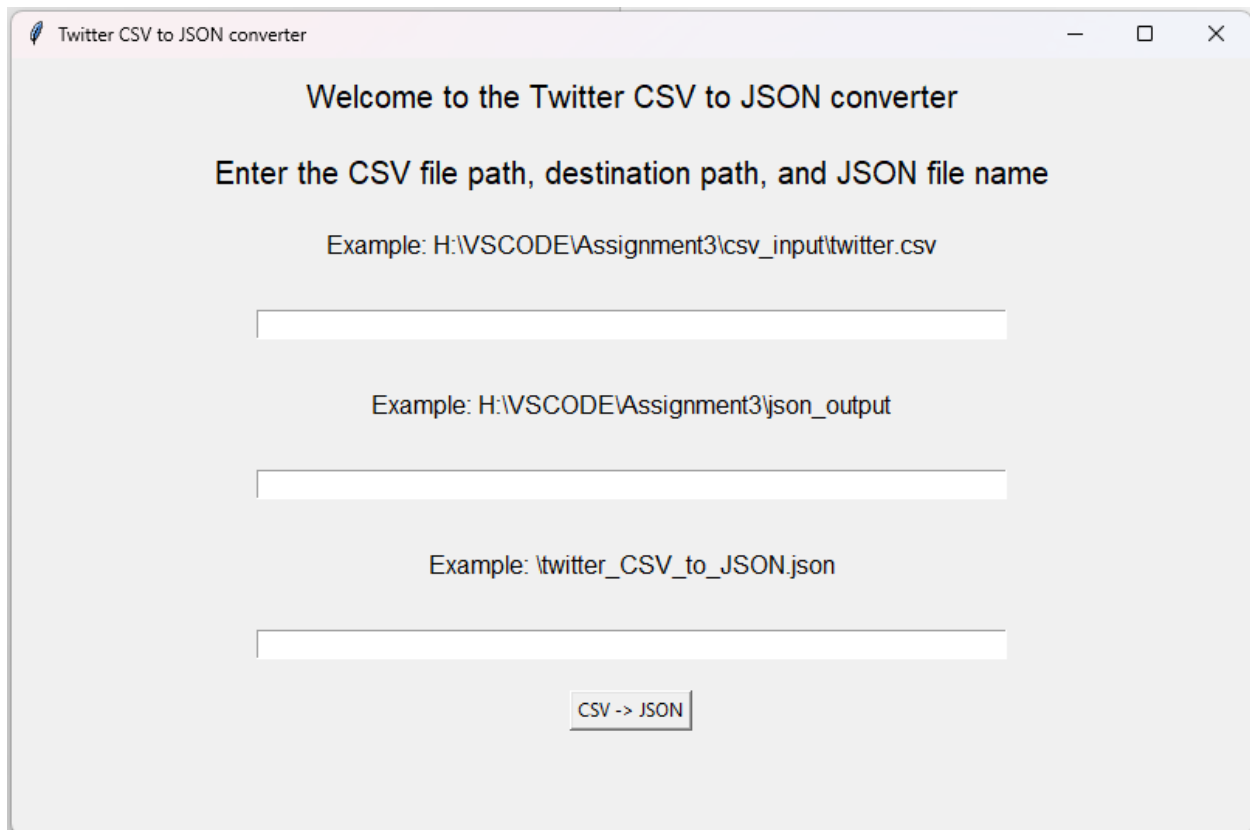
How to use:

- Download the project folder 'Assignment3' to your local machine.
- In VSCODE or your preferred editor, we want to run either the 'csv_to_json.py' file or the 'xml_to_json.py' depending on your desired action.



Running csv_to_json.py or xml_to_json.py

After running the file you will be prompted by a GUI:



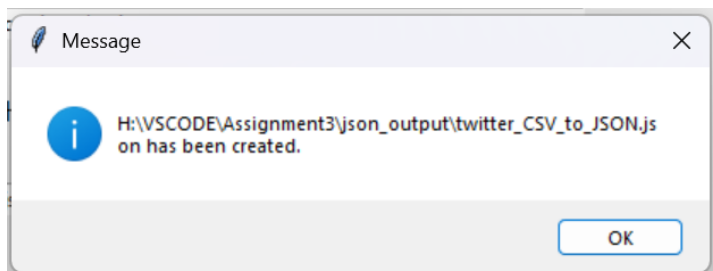
On here you want to enter the

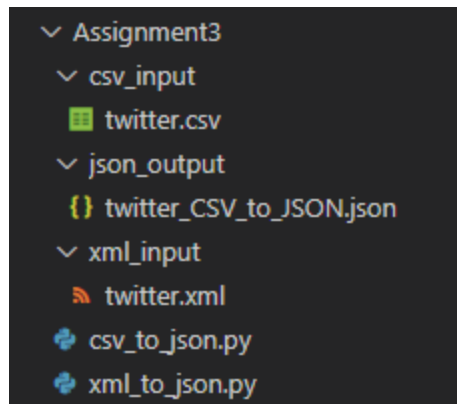
- file path for your twitter file in the top entry,
- the folder that you want to enter your new json file to,
- and what you want to name your new json file.



The screenshot shows a window titled "Twitter CSV to JSON converter". Inside, it says "Welcome to the Twitter CSV to JSON converter" and "Enter the CSV file path, destination path, and JSON file name". It provides three examples: "Example: H:\VSCODE\Assignment3\csv_input\twitter.csv", "Example: H:\VSCODE\Assignment3\json_output", and "Example: \twitter_CSV_to_JSON.json". Below each example is a text input field containing the same text. At the bottom, there is a button labeled "CSV -> JSON".

After you have entered those, press the button at the bottom and you will have successfully converted your 'twitter.csv' file to a formatted json file.





```
Assignment3 > json_output > {} twitter_CSV_to_JSON.json > [ ] Tweets > {} 0
1 {
2   "Tweets": [
3     {
4       "Text": "Vacature: SQL Developer Rosmalen SQL https://t.co/vexZyOC3p9 #den bosch #vacature #banen",
5       "ID": 823612662231666688,
6       "QuotedID": 0,
7       "RetweetedText": "",
8       "RetweetedHandle": "",
9       "RetweetedName": "",
10      "Retweets": 0,
11      "Source": "<a href='\"https://dlvrit.com/\"' rel='\"nofollow\"'>dlvr.it</a>",
12      "UserHandle": "gratisvacatures",
13      "UserName": "gratisvacatures"
14    },
15    {
16      "Text": "C#/SQL Developer - Global Charity | Middlesex https://t.co/pr2bfSzNSC https://t.co/06udpMCW
17      "ID": 823612603071139840,
18      "QuotedID": 0,
19      "RetweetedText": "",
20      "RetweetedHandle": "",
21      "RetweetedName": "",
22      "Retweets": 0,
23      "Source": "<a href='\"http://www.facebook.com/twitter\"' rel='\"nofollow\"'>Facebook</a>",
24      "UserHandle": "redolphin",
25      "UserName": "Redolphin Jobs"
26    },
27    {
28      "Text": "C#/SQL Developer - Global Charity | Middlesex https://t.co/4TVyZ0wUue,
29      "ID": 823612570691059712,
30      "QuotedID": 0,
31      "RetweetedText": "",
32      "RetweetedHandle": "",
33      "RetweetedName": "",
34      "Retweets": 0,
35      "Source": "<a href='\"http://www.hootsuite.com\"' rel='\"nofollow\"'>Hootsuite</a>",
36      "UserHandle": "Redolphinjobs",
37      "UserName": "Redolphinjobs"
38    },
39    {
40      "Text": "C#/SQL Developer - Global Charity | Middlesex https://t.co/4TVyZ0wUue,
41      "ID": 823612570691059712,
42      "QuotedID": 0,
43      "RetweetedText": "",
44      "RetweetedHandle": "",
45      "RetweetedName": "",
46      "Retweets": 0,
47      "Source": "<a href='\"http://www.hootsuite.com\"' rel='\"nofollow\"'>Hootsuite</a>",
48      "UserHandle": "Redolphinjobs",
49      "UserName": "Redolphinjobs"
50    }
51  ]
52 }
```

The 'xml_to_json.py' file works the same exact way but accepts the 'twitter.xml' file.

Twitter XML to JSON converter

Enter the XML file path, destination path, and JSON file name

Example: H:\VSCODE\Assignment3\xml_input\twitter.xml

Example: H:\VSCODE\Assignment3\json_output

Example: \twitter_XML_to_JSON.json

XML -> JSON

If you follow the same steps you will have successfully made the 'twitter.xml' file into a properly formatted JSON file.

Twitter XML to JSON converter

Enter the XML file path, destination path, and JSON file name

Example: H:\VSCODE\Assignment3\xml_input\twitter.xml

Example: H:\VSCODE\Assignment3\json_output

Example: \twitter_XML_to_JSON.json

XML -> JSON

