1. What advantages do Excel spreadsheets have over CSV spreadsheets?

ANSSWER.

While CSV spreadsheets are simple and widely compatible, Excel spreadsheets offer additional features and functionalities that are valuable for data analysis, reporting, and presentation purposes. However, the choice between Excel and CSV depends on the specific requirements and preferences of the users and the intended use case.

3. What modes do File objects for reader and writer objects need to be opened in?

ANSWER.

For file objects used with reader and writer objects in the `csv` module in Python, you should open them with specific modes:

1. For `csv.reader()`:

- The file object should be opened in read mode (`'r'`).

- Example: `open('example.csv', 'r', newline='')`

2. For `csv.writer()`:

- The file object should be opened in write mode (`'w'`).

- Example: `open('output.csv', 'w', newline='')`

4. What method takes a list argument and writes it to a CSV file?

ANSWER.

The method that takes a list argument and writes it to a CSV file is the `writerow()` method of the writer object created using the `csv.writer()` function.

5. What do the keyword arguments delimiter and line terminator do?

ANSWER.

The `delimiter` and `lineterminator` are keyword arguments used in the `csv.writer()` function from the `csv` module in Python.

6. What function takes a string of JSON data and returns a Python data structure?

ANSWER.

The function that takes a string of JSON data and returns a Python data structure is `json.loads()`, which is part of the `json` module in Python.

7. What function takes a Python data structure and returns a string of JSON data?

ANSWER.

The function that takes a Python data structure and returns a string of JSON data is `json.dumps()`, which is part of the `json` module in Python.