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

Ans-Advantages of Excel spreadsheets over CSV spreadsheets:

* Excel spreadsheets can contain multiple sheets within a single file, allowing for better organization and structuring of data.
* Excel supports more complex data types and formatting options, such as formulas, charts, and conditional formatting.
* Excel provides built-in functionalities for data analysis, sorting, filtering, and visualization.
* Excel offers more advanced features for data manipulation and data validation.

**2.What do you pass to csv.reader() and csv.writer() to create reader and writer objects?**

Ans-To create reader and writer objects using the csv module, you pass a File object to csv.reader() and csv.writer() as follows:

For reader objects: csv.reader(file\_object)

For writer objects: csv.writer(file\_object)

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

Ans-File objects for reader and writer objects need to be opened in the following modes:

For reader objects: File should be opened in 'r' (read) mode.

For writer objects: File should be opened in 'w' (write) mode.

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

Ans-The writerow() method in the csv.writer object takes a list argument and writes it as a single row to a CSV file.

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

Ans-The keyword arguments delimiter and line terminator are used in CSV writing.

The delimiter specifies the character used to separate fields in a CSV file. The default delimiter is a comma (',').

The line terminator specifies the character sequence used to terminate a line in a CSV file. The default line terminator is the newline character ('\n').

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

Ans-The json.loads() function takes a string of JSON data and returns a Python data structure (usually a dictionary or a list).

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

Ans-The json.dumps() function takes a Python data structure (dictionary, list, etc.) and returns a string of JSON data. This function is used to serialize Python objects into a JSON format.