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

-Excel is superior to the CSV file format; thus, CSV consumes less file size when the user is importing data; it is a much faster format compared to Excel. CSV does not manipulate data and stores it as-is. Excel also allows the user the add-in feature

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

**-**In the `csv` module of Python, you can use the `csv.reader()` function to create a reader object for reading CSV data, and the `csv.writer()` function to create a writer object for writing CSV data. These functions require a file object as an argument to specify the source or destination of the CSV data.

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

Read Only ('r'): This mode opens the text files for reading only. ...

Read and Write ('r+'): This method opens the file for both reading and writing. ...

Write Only ('w'): This mode opens the file for writing only.

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

-The method that takes a list argument and writes it to a CSV file using a CSV writer object from the `csv` module in Python is the `writerow()` method. The `writerow()` method is used to write a single row of data (represented as a list) to the CSV file.

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

-The delimiter is the character that appears between cells on a row. By default, the delimiter for a CSV file is a comma. The line terminator is the character that comes at the end of a row. By default, the line terminator is a newline.

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

-The load() method is used for it. If you have used JSON data from another program or obtained it as a string format of JSON, then it can easily be deserialized with load(), which is usually used to load from a string, otherwise, the root object is in a list or dict.

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

* dumps() can be used for converting a Python object into a JSON string. The json. dumps() function takes one parameter, which is the data to be converted into JSON string.