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

Excel is more superior when compared with the CSV file format; thus, CSV consumes less amount of 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?**

**To write to a CSV file in Python, we can use the csv.writer() function.**

The csv.writer() function returns a writer object that converts the user's data into a delimited string. This string can later be used to write into CSV files using the writerow() function.

**To read to a CSV file in Python, we can use the csv.DictReader() function**

csv\_file is a csv.DictReader() object. The object can be iterated over using a for loop. The csv.DictReader() returned an OrderedDict type for each row. That's why we used dict() to convert each row to a dictionary.

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

open(): Opens a file in given access mode. ...

read([size]): It reads the entire file and returns it contents in the form of a string. ...

readline([size]): It reads the first line of the file i.e till a newline character or an EOF in case of a file having a single line and returns a string.

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

writerows()

This function takes a list of iterables as parameter and writes each item as a comma separated line of items in the file

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

The line terminator is the character that comes at the end of a row. By default, the line terminator is a newline. You can change characters to different values by using the delimiter and lineterminator keyword arguments with csv. writer()

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

loads() method return Python data structure of JSON string or data

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

Python supports JSON through a built-in package called json and this module can be used to covert a python dictionary to JSON object.