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

- Excel spreadsheets can have multiple worksheets
- There can be two formats for excel sheets .xls and xlsx
- Excel sheets can store formatting
- Excel sheets can perform operations on the data
- Excel sheets can contain symbols, charts, links, pictures etc.
- Relatively easy to display large datasets in excel compared to csv files.

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

- We pass a csv file object.

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

- Read-binary ('rb') for reading binary objects
- Write-binary ('wb') for writing binary objects.

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

- .writerow() method call takes a list arguments and writes it to a csv file.

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

- Delimiter separates the given string into multiple rows, the general delimiter for csv files is a comma.
- Line terminator separates the string into multiple columns, the general delimiter for csv files is a new line (\n)

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

- After importing json, use .loads() method and pass the string of json data into the loads method call to get the python data structure which is a dictionary data structure.
- Eg. If the string of JSON data is stored in a variable called x. Then, json.loads(x)

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

- Let the python data structure be x. Use json.dumps(x) to get a string of JSON data.