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

Advantages of excel spreadsheets over csv spreadsheets are:

1. Excel allows visually appealing styling of data.

2. Excel supports calculations using built-in functions.

3. Excel offers tools for creating visual data representations.

4. Excel enforces data accuracy through rules.

5. Excel enables advanced data arrangement and analysis.

6. Excel manages complex data with multiple sheets.

7. Excel supports real-time teamwork and review.

8. Excel offers password protection for security.

9. Excel automates tasks through customizable macros.

10. Excel integrates smoothly with other Office tools.

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

Filename and mode are passed to both csv.reader() and csv.wrtiter() objects.

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

Modes of reader can be 'r' read, 'rt' readtext or 'rb' readbyte. Modes of writer can be 'w' write, 'wt' writetext, 'wb' writebyte ,'a' append or 'at' appendtext.

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

writerow() method of csv.writer() object takes a list as an argument and writes the elements of the list as a single row in a CSV file.

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

The delimiter keyword argument is used to specify the character that separates individual fields (columns) within a CSV file and line terminator keyword is used to specify the character(s) that mark the end of a line within the CSV file.

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

json.loads(string_json_data) takes a string of JSON data and returns a Python data structure.

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

Json.dumps() takes a Python data structure and returns a string of JSON data