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

Ans: Excel: It is used to display the data in horizontal and vertical rows. The data are usually stored in the cells. We have an option of formulas in Excel that can be used for data and its place of storage.

But in CSV: files can actually open in a text editor and read it. There are lots of applications for reading CSV files, and many language provide built-in function that simplify reading/writing CSV format.

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

Ans: The csv.reader() is used to read file, which return an iterable reader object. The reader object is then iterated using a for loop to print the contents of each row.

The csv.writer() is used to write a file in Python. This 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.

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

Ans: ‘r’ Open a file for reading.

‘w’ Open a file for writing. Creates a new file if it does not exist or truncates the file if it exists.

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

Ans: writerows() : This function takes a list of iterables as a parameter and writes each items as a comma separated line of items in the file.

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

Ans: The delimiter is the character that appears between cells on a row. By defaults, 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?

Ans: loads() methods return Python data structure of JSON data.

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

Ans: json.dumps() method used to return a string of JSON data.