**Assignment 13**

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?

Before we can use the methods to the csv module, we need to import the module.

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

To open a file for reading and writing , we must use the built-in open() function.

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

The csv.writer.writeow() method takes a list argument and writes it to a CSV file.

5. 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 comma.

The line terminator is the character that comes at the end of a row. By default, the line terminator is a newline.

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

Json.loads() function 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?

Converting Python data to JSON is called an Encoding operation. Encoding is done with the help of JSON library method – **dumps()**