

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

In []:

```
1 Rather than CSV the Data in EXCEL is highlt organized
2 Rather than CSV the data in EXCEL is Structured
3 Rather than CSV the data in EXCEL easy to search
4 In Excel we have formulae and functions are there to data calculation
```

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

In []:

```
1 csv.reader():reader file object
2 with open('file.csv', 'r') as file:
3     reader = csv.reader(file)
4
5 csv.writer():writer file object
6
7 with open('file.csv', 'w') as file:
8     writer= csv.writer(file)
```

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

In []:

```
1 reader:mode="r" , "rb"
2 writer:mode="w" , "wb"
```

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

In []:

```
1 csv.writer contain writerow() method that takes a list argument and writes
2 it to a CSV file
```

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

In []:

```
1 delimiter is used to separate the each field in the CSV file  
2 line terminator is used to separate the each line in the csv file
```

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

In []:

```
1 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?

In []:

```
1 json.dumps() function takes a Python data structure and returns a string of JSON data
```