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

It provides the user option for external linking of data from other sources and also user can do custom add-ins. Also reading large data set is much easier for end-user to read , comprehend and understand when compared to csv. Using excel user can perform vba coding , functions, formulas and create summaries easily

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

We need to pass the open file object when we want to read or write for the both functions and before doing read we need to open the file using open() and pass the same to these

import csv

csvfile = open('data.csv')

csvfilereader=csv.reader(csvfile)

csvfile = open('data.csv',’w’,newline=’ ’)

csvwriter=csv.writer(csvfile)

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

For reader we need to open file in ‘r’ mode which is reading and it is default and if we doesn’t pass also it will be taken as default, and for write objects we need to open in ‘w’ which is write mode

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

DictWriter(file object, fieldnames)

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

we can change characters to different values by using the delimiter and lineterminator keyword arguments with csv.writer()

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

json.loads(json\_string)

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

json.dumps(value)