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

**Ans**

|  |  |
| --- | --- |
| **Excel** | **CSV** |
| **Excel files can only be read by applications and not on any other systems, application or data platform.** | **CSV file does not need any specific platform to open; it can also be opened in a simple text editor, and the user can simply read and understand it.** |
| **Excel consumes more memory than CSV.** | **CSV consumes less memory than Excel.** |
| **Excel is generally larger, slower and more complicated when compared to CSV.** | **CSV is generally faster and less complicated when compared to Excel.** |

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

**Ans : csv.reader() 🡪 The name of the file that we want to read**

**csv.writer()🡪 The name of the file to which we want to write**

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

**Ans : read mode (r) and write mode (w) respectively**

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

**Ans : writerow()**

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

**Ans : delimeter='\t' and  changes the character between cells to a tab and**

**lineterminator='\n\n'  changes the character between rows to two newlines**

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

**Ans json.loads()**

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

**Ans json.dump()**