

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

While Excel (XLS and XLSX) file formats are better for storing more complex data, CSV files are supported by nearly all data upload interfaces.

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

```
import csv
```

```
with open('bala.csv', 'r', newline='') as file: for reader
```

```
with open('bala.csv', 'w', newline='') as file: for writer
```

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

r mode for read and w or a mode for write

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

The `csv.writer.writerow` method takes an iterable as an argument. Your result set has to be a list (rows) of lists (columns). Write the row parameter to the writer's file object, formatted according to the current dialect.

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

This changes the delimiter and line terminator characters in your file. The delimiter is the character that appears between cells on a row. By default, the delimiter for a CSV file is a comma. The line terminator is the character that comes at the end of a row.

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

```
Import json
```

```
pretty_json = json.loads(r.text)
```

```
print (json.dumps(pretty_json, indent=2))
```

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

```
Import json
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