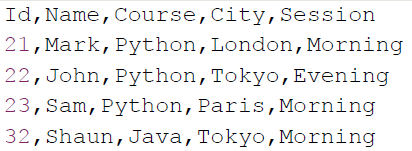
**Suppose we have a csv file *students.csv* and its contents are:**

+

We want to read all the rows of this csv file line by line and process each line at a time.

Also note that, here we don’t want to read all lines into a list of lists and then iterate over it, because that will not be an efficient solution for large csv file i.e. file with size in GBs.

We are looking for solutions where we read & process only one line at a time while iterating through all rows of csv, so that minimum memory is utilized.

Python has a csv module, which provides two different classes to read the contents of a csv file i.e. ***csv.reader***and ***csv.DictReader***.

With csv module’s reader class object we can iterate over the lines of a csv file as a list of values, where each value in the list is a cell value.

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Text, letter, email

Description automatically generated

**Read csv file without header**

suppose we want to skip the header and iterate over the remaining rows of csv file.

Graphical user interface, text

Description automatically generated

**print(row)**

**Output:**

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

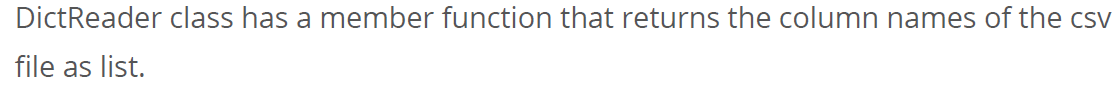
Text

Description automatically generated

**Output:**

A picture containing graphical user interface

Description automatically generated



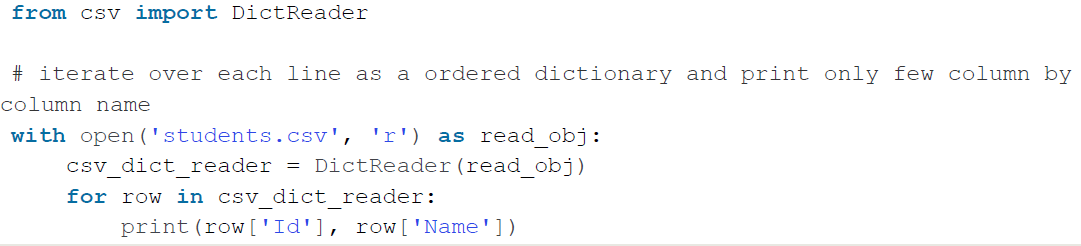
Graphical user interface, text, application

Description automatically generated

**Output:**









Graphical user interface, text

Description automatically generated