Read-from-CSV

AIM:

To develop a program to read from a csv file

EQUIPMENTS REQUIRED

Hardware-PC Software-Python 3.7

ALGORITHM:

Step 1:

Import the pandas library

Step 2:

Read the csv file usinf read_csv method()

Step 3:

Use file.head() method to read from beginning

Step 4:

Use file.tail() method to read from end

Step 5:

End the program

PROGRAM:

```
'''
Program to read from csv file
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'''

import pandas as pd
f=pd.read_csv('/content/cars (1).csv')
print(f.head(10))
print(f.tail())
```

```
print(len(f.axes[0]))
print(len(f.axes[1]))
```

OUTPUT:

```
import pandas as pd
f=pd.read_csv('/content/cars (1).csv')
print(f.head(10))
print(f.tail())
print(len(f.axes[0]))
print(len(f.axes[1]))
```

```
           Car        Model  Volume  Weight  CO2
0       Toyoty         Aygo    1000     790   99
1   Mitsubishi   Space Star    1200    1160   95
2        Skoda       Citigo    1000     929   95
3         Fiat          500     900     865   90
4         Mini       Cooper    1500    1140  105
5           VW          Up!    1000     929  105
6        Skoda        Fabia    1400    1109   90
7     Mercedes      A-Class    1500    1365   92
8         Ford       Fiesta    1500    1112   98
9         Audi           A1    1600    1150   99
        Car    Model  Volume  Weight  CO2
31    Volvo     XC70    2000    1746  117
32     Ford    B-Max    1600    1235  104
33      BMW      216    1600    1390  108
34     Opel   Zafira    1600    1405  109
35  Mercedes     SLK    2500    1395  120
36
5
```

RESULT:

Hence the program to read from a csv file is executed.