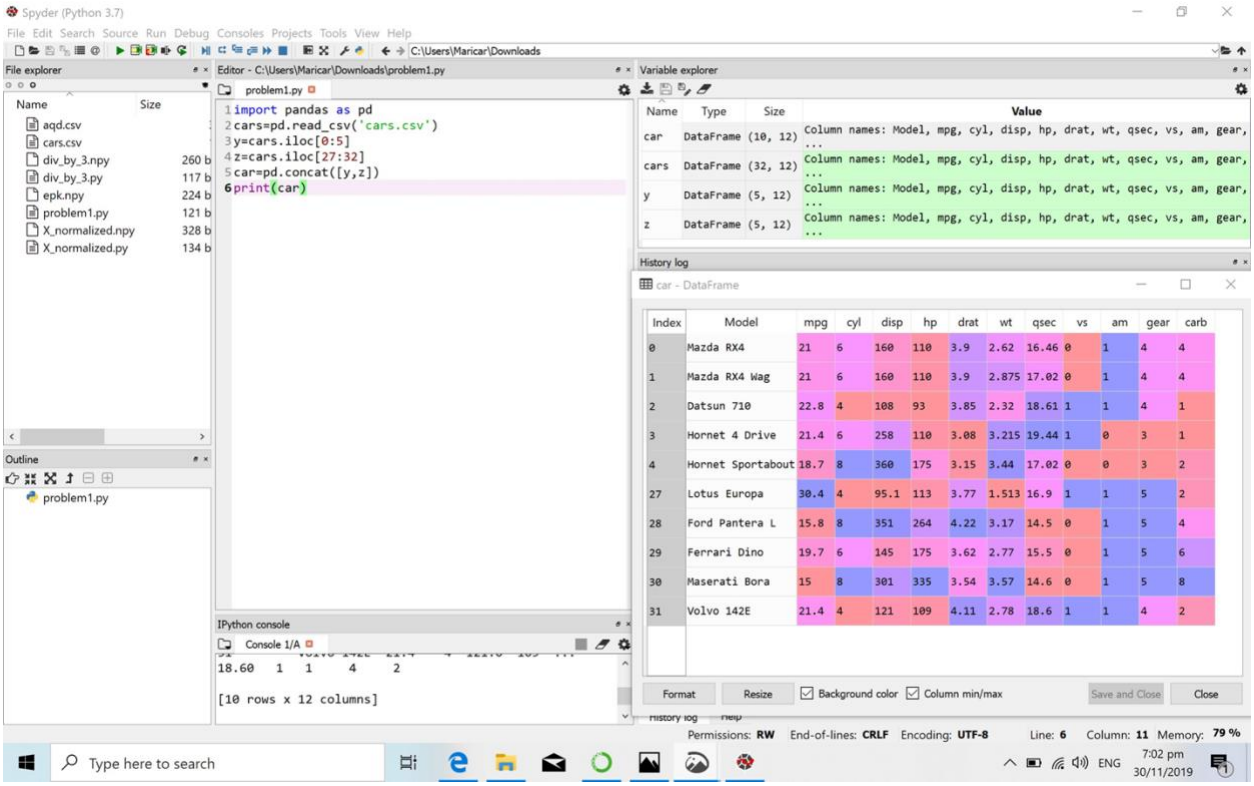
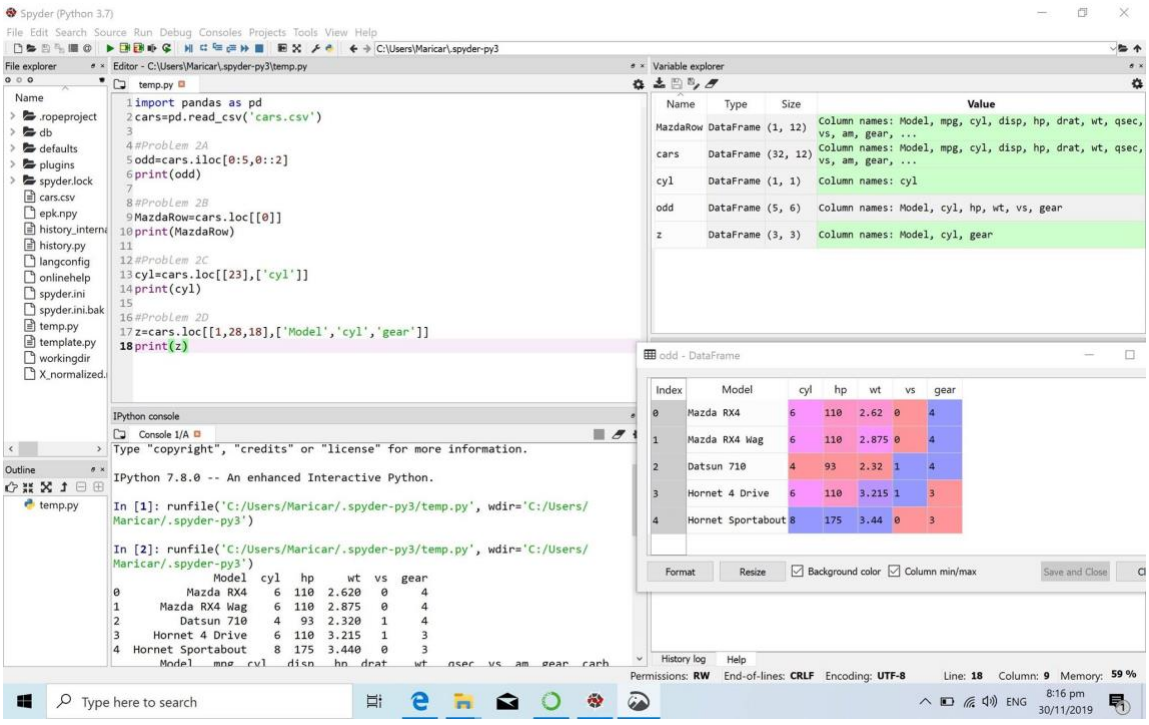
PANDAS

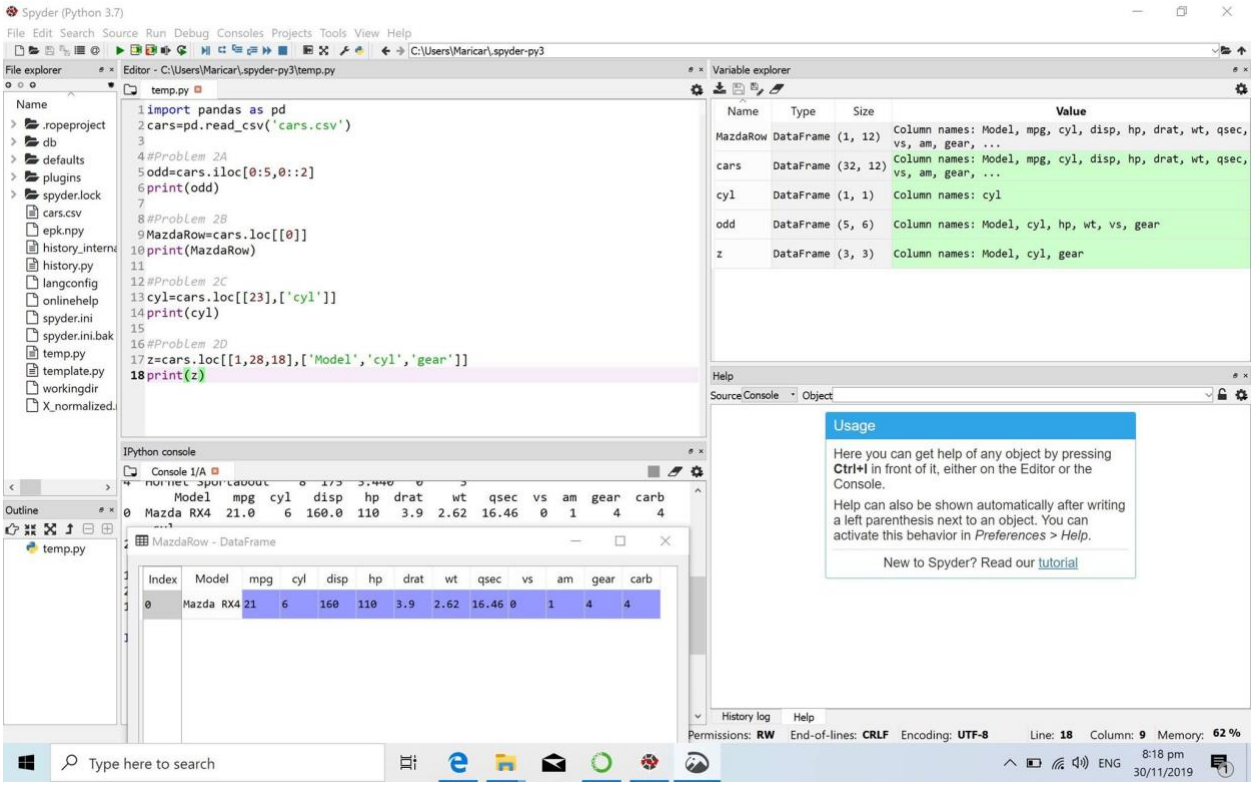
Problem 1



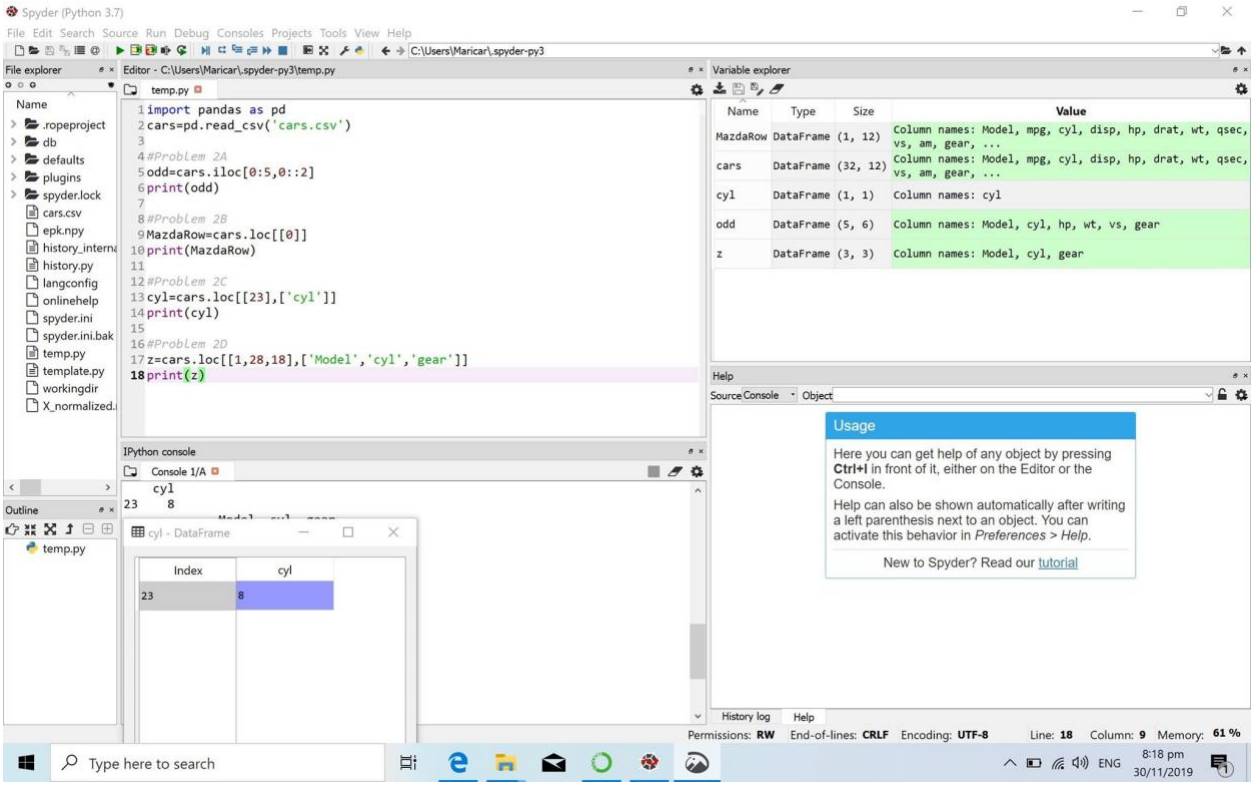
Problem 2A



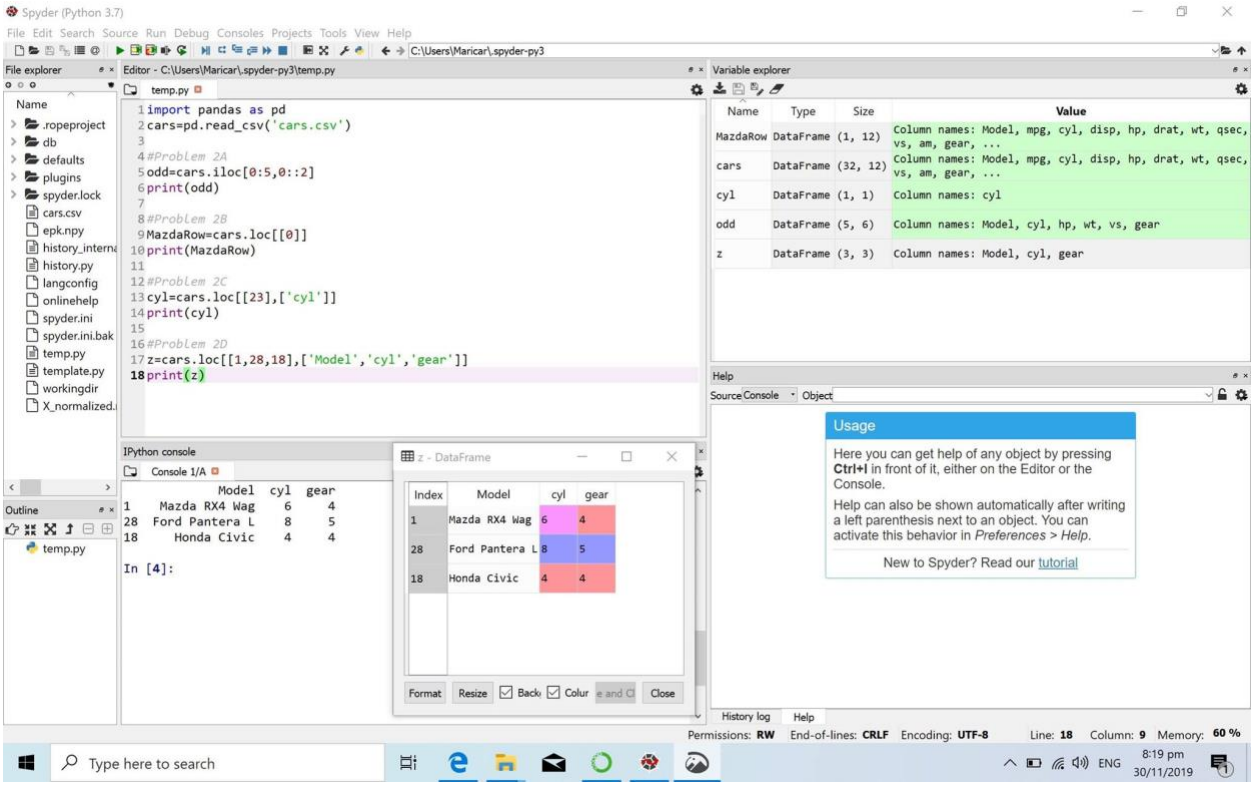
PROBLEM 2B



PROBLEM 2C



PROBLEM 2D


Spyder (Python 3.7)
File Edit Search Source Run Debug Consoles Projects Tools View Help
C:\Users\Maricar\.spyder-py3
File explorer
Editor - C:\Users\Maricar\.spyder-py3\temp.py
temp.py
1 import pandas as pd
2 cars=pd.read_csv('cars.csv')
3
4 #Problem 2A
5 odd=cars.iloc[0:5,0::2]
6 print(odd)
7
8 #Problem 2B
9 MazdaRow=cars.loc[[0]]
10 print(MazdaRow)
11
12 #Problem 2C
13 cyl=cars.loc[[23],['cyl']]
14 print(cyl)
15
16 #Problem 2D
17 z=cars.loc[[1,28,18],['Model','cyl','gear']]
18 print(z)
Variable explorer
Name Type Size Value
MazdaRow DataFrame (1, 12) Column names: Model, mpg, cyl, disp, hp, drat, wt, qsec, vs, am, gear, ...
cars DataFrame (32, 12) Column names: Model, mpg, cyl, disp, hp, drat, wt, qsec, vs, am, gear, ...
cyl DataFrame (1, 1) Column names: cyl
odd DataFrame (5, 6) Column names: Model, cyl, hp, wt, vs, gear
z DataFrame (3, 3) Column names: Model, cyl, gear
Help
Usage
Here you can get help of any object by pressing Ctrl+I in front of it, either on the Editor or the Console.
Help can also be shown automatically after writing a left parenthesis next to an object. You can activate this behavior in Preferences > Help.
New to Spyder? Read our tutorial
IPython console
Console 1/A
Model cyl gear
1 Mazda RX4 Wag 6 4
28 Ford Pantera L 8 5
18 Honda Civic 4 4
In [4]:
z - DataFrame
Index Model cyl gear
1 Mazda RX4 Wag 6 4
28 Ford Pantera L 8 5
18 Honda Civic 4 4
Format Resize Close
Outline
temp.py
Permissions: RW End-of-lines: CRLF Encoding: UTF-8 Line: 18 Column: 9 Memory: 60 %
Type here to search
ENG
8:19 pm
30/11/2019