(Not yet) 100 pandas exercises	Question:	Question:
This is a collection of exercises that have been collected by condensing various sources like project source code and the available documentation on pandas. The goal of this collection is to offer a quick reference for both old and new users but also to provide a set of exercices for those who teach.  If you want to suggest another exercise or find an error or think you've a better way to solve some of them, feel free to open an issue or pull request at https://github.com/deeplook/pandas-100	1. Import the pandas package under the name `pd` (★☆☆)	2. Print the pandas version and a versions list of all package dependancies of pandas (★☆☆)
Question:	Question:	Question:
3. Read a HTML table on a webpage like http://www.lenntech.com/periodi c-chart-elements/melting-point.htm into a dataframe (★☆☆)	50. Read a CSV file into a dataframe like the tables on https://www.ssa.go v/oact/babynames/limits.html (★☆☆)	51. Create a new column in a data frame with the same value in all rows (★☆☆)
Question:	Question:	Question:
52. Merge a list of dataframes into one (★★☆)	53. Filter by one column (★★☆)	54. Select one column of a dataframe (★☆☆)

Answer 2:  print(pdversion)  pd.show_versions()	Answer 1: import pandas as pd	
Answer 5:  df['year'] = 2017	Answer 4:  df = pd.read_csv(fn, names=['name', 'gender', 'count'])	Answer 3:  basic = 'http://www.lenntech.com'  path = '/periodic-chart-elements/melting-point.htm'  df = pd.read_html(basic + path)
Answer 8:  names = df['name']	Answer 7:  girls = df[df['gender'] == 'F']	Answer 6:  df_list = [df1, df2, df3]  df = pd.concat(df_list)

Question:	Question:
56. Use a column as index (★★☆)	57. Select every 20th entry of a dataframe (★☆☆)
Question: 59. Show all values in one column and how often they occur (★☆☆)	Question: 70. Turn a column to upper case (★★☆)
Question: 72. TODO melt a dataframe?? (★★☆)	Question:  73. Remove column from a dataframe CHECK (★☆☆)
	Question: 59. Show all values in one column and how often they occur (★☆☆)  Question: 72. TODO melt a dataframe??

Answer 11: df = df[::20]	<pre>Answer 10: by_year = df.set_index('year')</pre>	Answer 9:  names = df[['name', 'year']]
Answer 14:  def upper(s): return s.upper()  up = df['name'].apply(upper)	Answer 13:  df.values_counts()	Answer 12: df.describe()
Answer 17:  df.drop('name')	Answer 16:  pd.melt	Answer 15:  groups = names.groupby('name')['count'].apply(sum)

Question: 80. Plot a dataframe (★★★)	Question:  99. //Add your suggested question including rating here// (★☆☆)

Answer 19:	Answer 18:
# Author:	<pre>import matplotlib.pyplot as plt madonna = df[df['name'] == 'Madonna']</pre>
# your code	madonna = madonna.set_index('year') madonna.plot() plt.show()