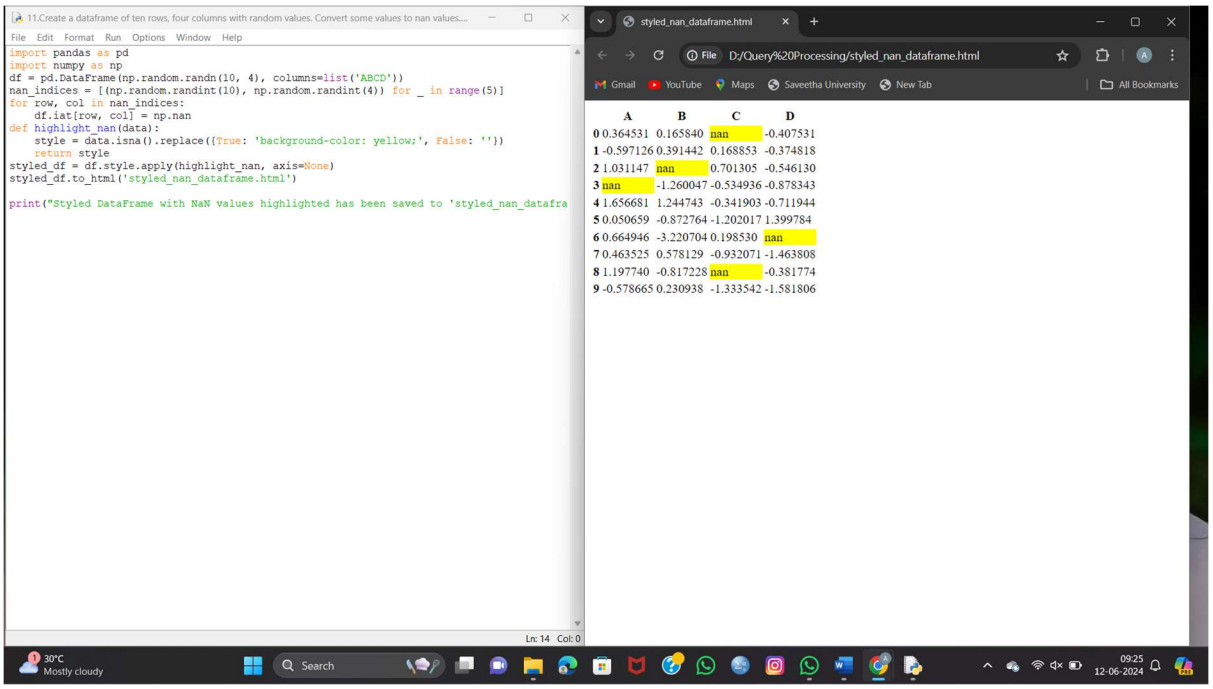
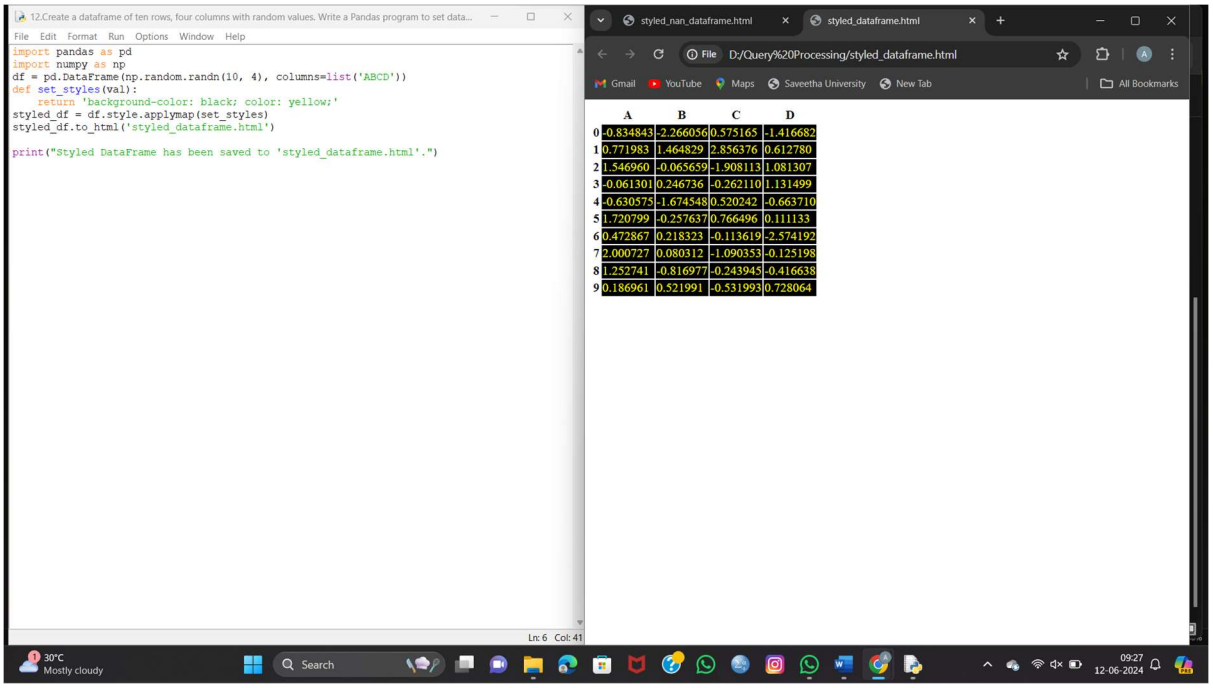
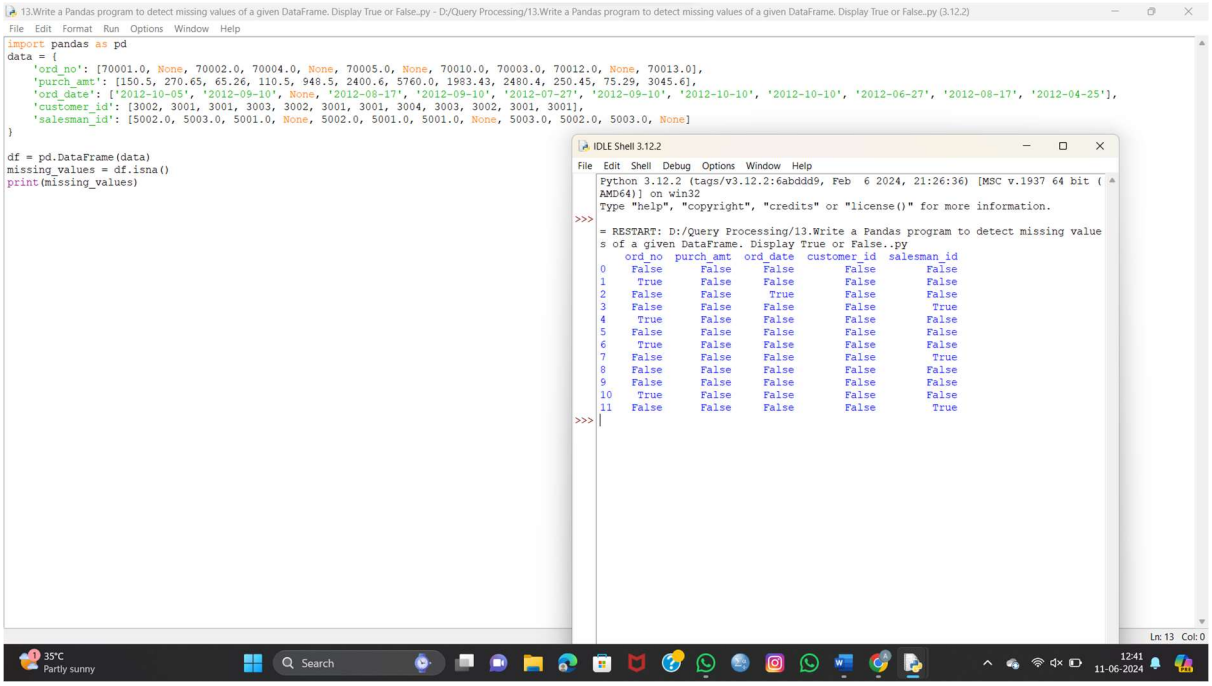
11.Create a dataframe of ten rows, four columns with random values. Convert some values to nan values. Write a Pandas program which will highlight the nan values.



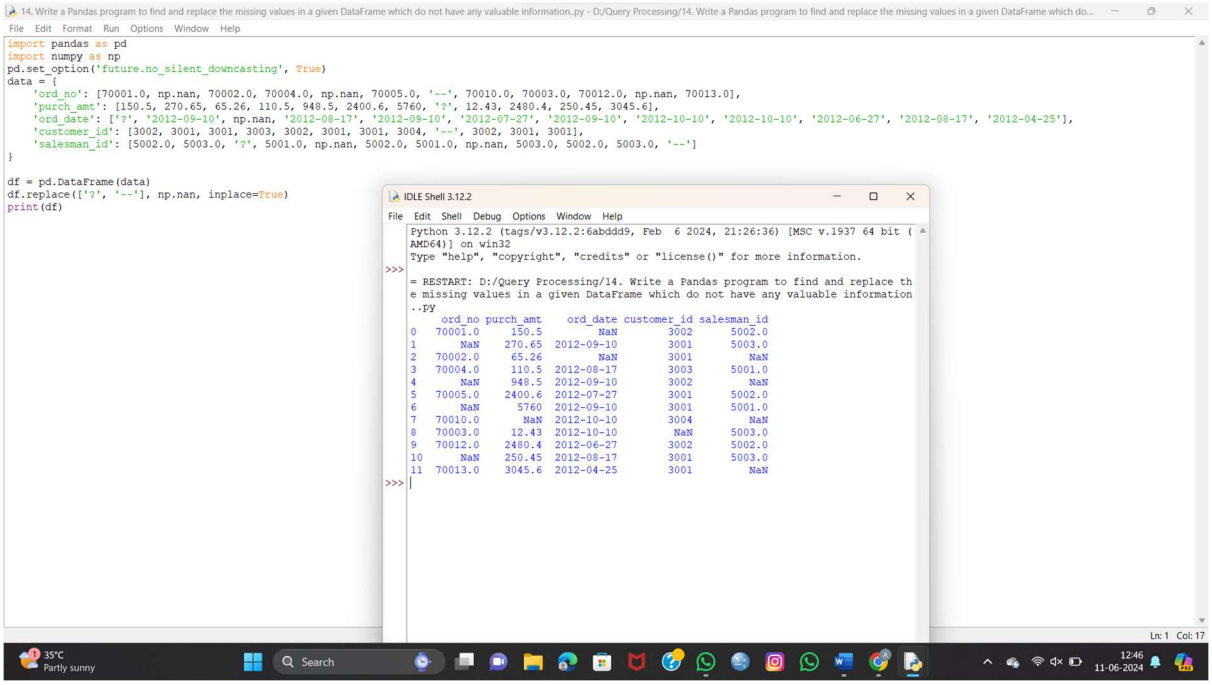
12.Create a dataframe of ten rows, four columns with random values. Write a Pandas program to set dataframe background Color black and font color yellow.



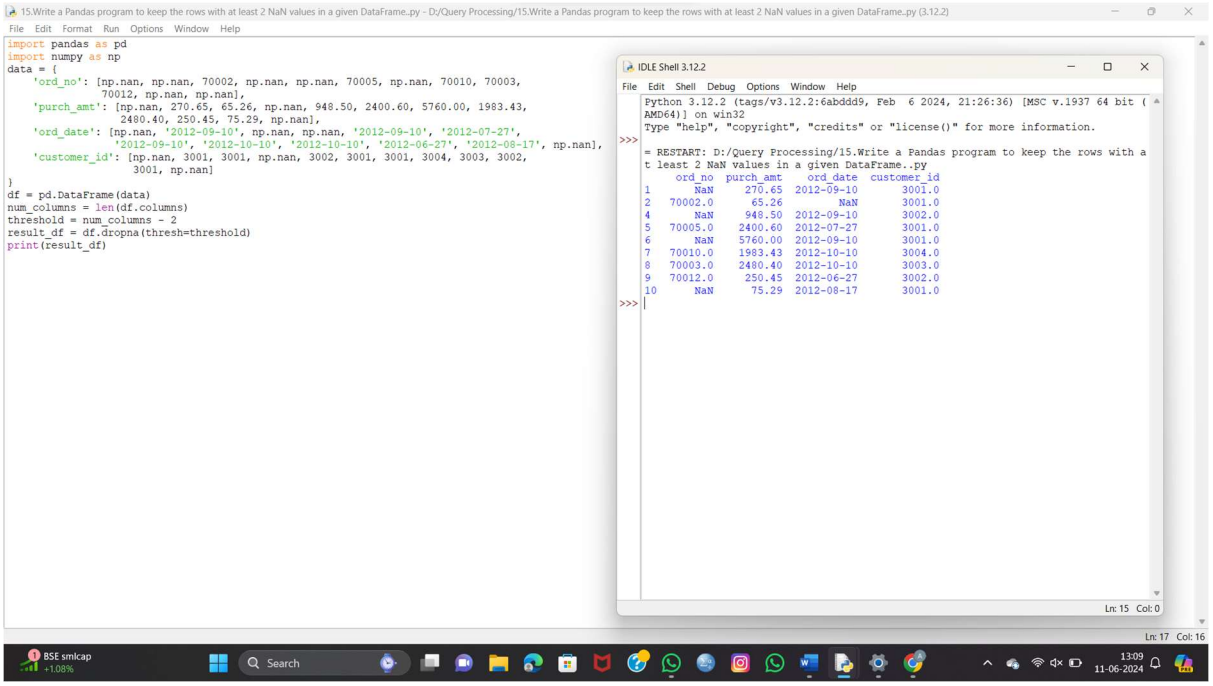
13.Write a Pandas program to detect missing values of a given DataFrame. Display True or False.



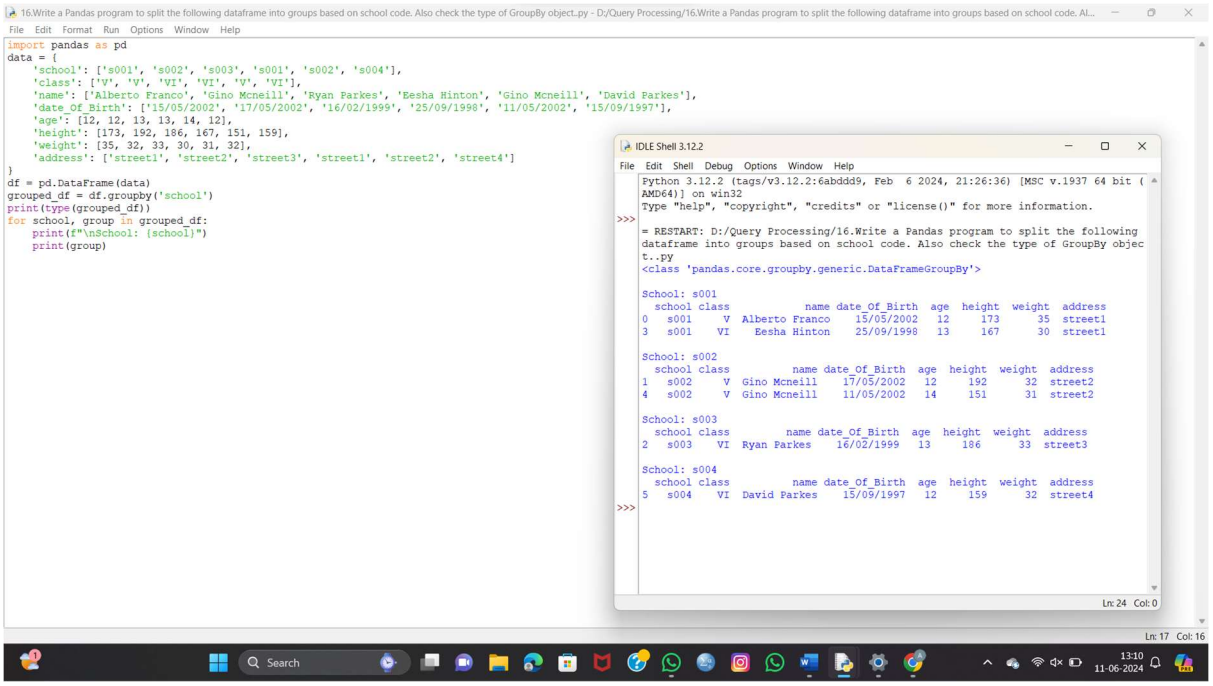
14. Write a Pandas program to find and replace the missing values in a given DataFrame which do not have any valuable information.



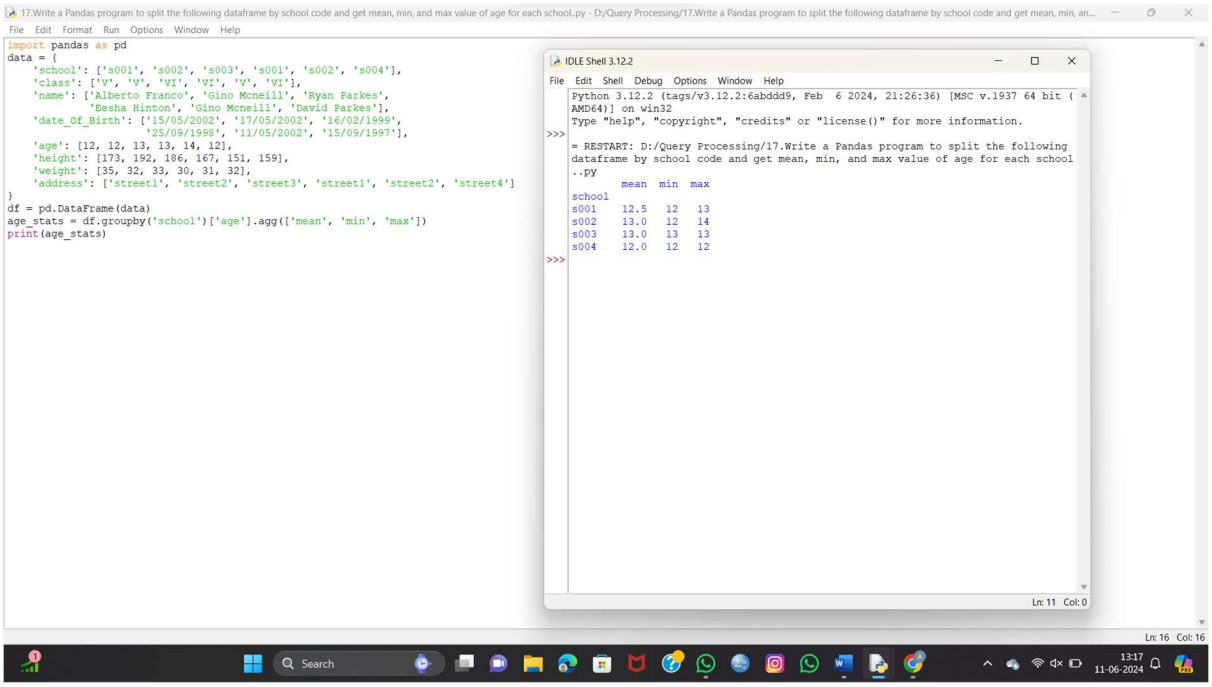
15.Write a Pandas program to keep the rows with at least 2 NaN values in a given DataFrame.



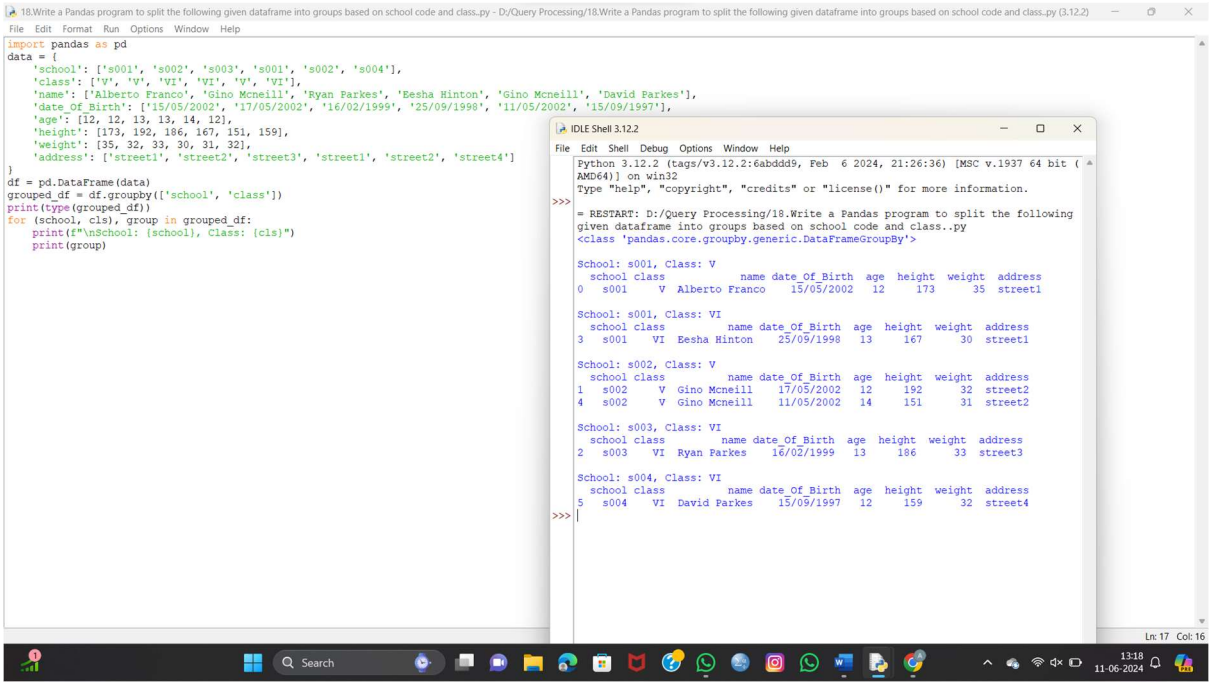
16.Write a Pandas program to split the following dataframe into groups based on school code. Also check the type of GroupBy object.



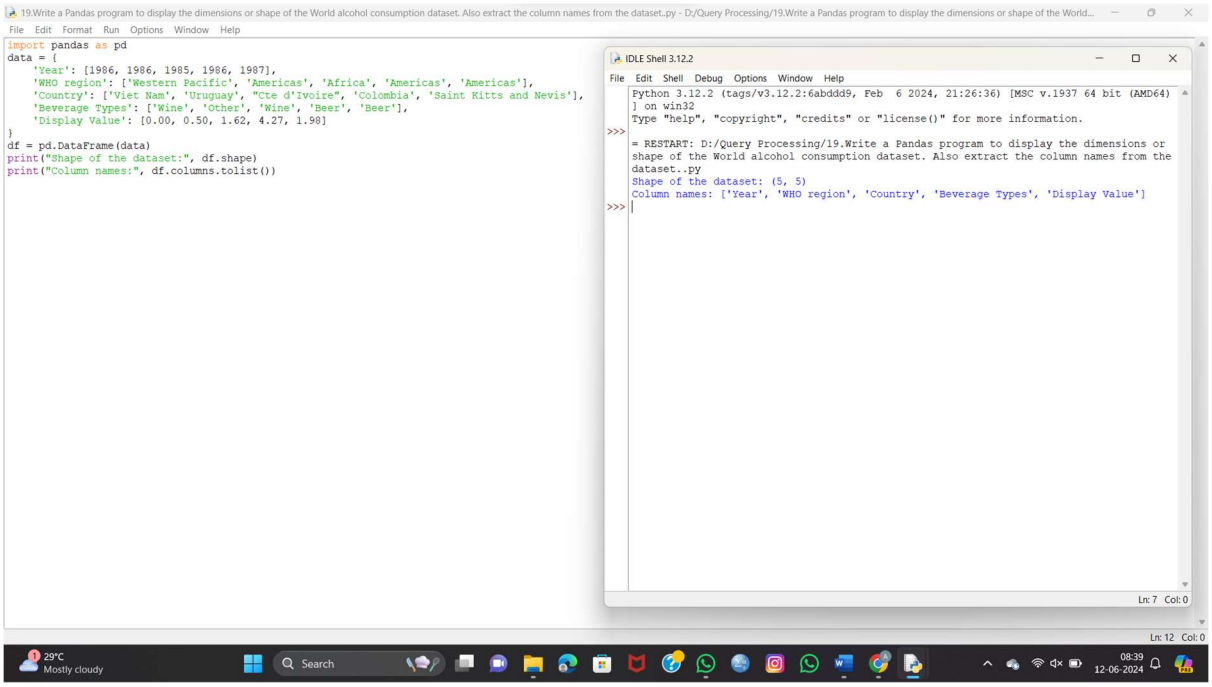
17.Write a Pandas program to split the following dataframe by school code and get mean, min, and max value of age for each school.



18.Write a Pandas program to split the following given dataframe into groups based on school code and class.



19.Write a Pandas program to display the dimensions or shape of the World alcohol consumption dataset. Also extract the column names from the dataset.



20.Write a Pandas program to find the index of a given substring of a DataFrame column.