# Pandas Class Activity

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# Instructions

- Load 2 datasets provided names1.csv and cnames1.csv in the Moodle to a new colab notebook.

- Assign names1 to df1 and cnames1 to df2, run basic commands such as describe() on both df1 and df2.

- One of the df needs re arranging columns names, so following below example re arrange the df.

- `reoder = ["Column1", "Column2"]`

- `df1 = df1[reoder]`

- Have you observed that column names are lenghthy as well, hence please rename weight (cm) Height (cm) to only be Weight and Height in both dataframes using below example

- `df1.rename(columns={'Weight (kg)': 'Weight'}, inplace=True)`

- Now, run a histogram on both dfs, age columns.

- Two dataframes contains names, our task is to compare two datasets on Full Name column and find if there are any matching records. Follow the example

- `matched_records = pd.merge(df1, df2, on="Full Name", how="inner")`

- How many records were having matching names in both datasets?

- Save the matching records as a csv file now and download it. Use below example.

- `df.to_csv("matching-names.csv", index=False)`