

## Challenge 3: Co2 Emissions

**Suggested time: 25 minutes**

A text file contains carbon dioxide (Co2) emissions for 10 countries around the world. A program is needed to read the data from a text file and display it as a table as shown below:

Country	Emissions	% global population	Population
China	11535.2	30.3	1448471400
United States	5107.3	13.4	334805269
India	2597.4	6.8	1406631776
Russia	1792.0	4.7	145805947
Japan	1153.7	3.0	125584838
Germany	702.6	1.9	83883596
Iran	702.0	1.9	86022837
South Korea	651.9	1.7	51329899
Indonesia	625.7	1.6	279134505
Saudi Arabia	614.6	1.6	35844909

Example program output

Using the file Q05.py:

Amend the program to meet the following requirements:

- All data in emmissions.txt must be processed
- Results must be displayed in columnar format, using <string>.format()

Do **not** change any other functionality.

Save your file in the COMPLETED\_CODING folder as **Q05\_FINISHED.py**

**A self marking online version of this challenge can be found here:**

<https://blog.withcode.uk/2022/05/q5-python-exam-practice-questions-for-edexcel-gcse-computer-science/3>