

Instructions

Answer the questions in full for the maximum points (10 points). Write your answer in a **Python 3** source code file, which has the `.py` file extension and submit the file into the return-box in Moodle.

Question(s)

Write a program that can be used to examine world population growth using the file for population projections (`indicator_total_population_with_projections.txt`).

1. Write a function that goes through all numeric values in the data file to ensure that they are legal integers/floats. Decide how to handle missing data: Should you leave them empty, replace them with zeros, or with some special values?
2. Change absolute values into percentual changes and save them in a new data file.
3. Find the minimum and maximum percentual year-to-year changes. You can focus on those years for which there exists information about practically all countries (1950->).

Deadline

The deadline for the assignment is 12.12.2017.