**> Introduction**

Data from a number of sensors has been collected manually. However, a preliminary examination shows that it is inconsistent: the data is formed of five values in a set, of which there is varying number of sets.

Each data value is supplied as text, but it should be in a numeric format (e.g. '12') and should be between '0' and '20'. Due to miscommunication, this has not been complied and some values have been written as words (e.g. “twelve”).

To make matters worse, the data is from different countries and the collectors have used the language of their country. The three possible languages are English, French and German.

Your task is to take this data and produce a Python list (of lists) structure containing the data sets as numbers (not text), performing conversions as necessary. If a set of data has an invalid value, then the entire set should be ignored but that data set should be added to a list of invalid data sets.

As before, your code will eventually form part of a data cleansing library, so you should make proper use of functions to organise your code. For testing purposes, you may hard code the data samples into your application.

**> Output**

* Program code in Python
* Evidence of cleansed data list
* Evidence of problematic data list

**> Skills Required**

* Python functions
* String operations
* User-defined functions
* Python data structures (Lists)