CHALLENGE 3: WORLD RECORDS
SUGGESTED TIME: 30 MINUTES

A programmer is researching food related world records. They have a 2d list which stores:

- the name of the record holder (e.g. Andre Ortolf)

- the quantity of food consumed (e.g. 378)

- the unit used to measure the quantity of food consumed (e.g grams)

- the food consumed (e.g. peanut butter)

- the time taken (e.g. 1)

- the unit of time taken (e.g. minute)

The program should display the world records on screen exactly as shown below

```
Andre Ortolf has the world record for eating 378 grams peanut butter in 1 minute.
Leah Shutkever has the world record for eating 1 individual burrito in 44 seconds.
Josué Montero Durán has the world record for eating 9 individual hot dogs in 3 minutes.
Patrick Bertoletti has the world record for eating 36 cloves garlic in 1 minute.
Patrick Bertoletti has the world record for eating 6 individual peanut butter and jelly sandwiches in 1 minute.
```

Example program output showing the text to be displayed on screen

The program should also write the world records to the file `output.txt` formatted as a table. Each column should be separated by a `|` character. All columns must be centre aligned. The width of each column (not including the `|` characters should be 30 characters (Name), 50 characters (Food) and 30 characters (Time). The total width of the table should be 114 characters:

```
|             Name             |                       Food                       |             Time             |
|==============================|==================================================|==============================|
|         Andre Ortolf         |              378 grams peanut butter             |           1 minute           |
|        Leah Shutkever        |               1 individual burrito               |          44 seconds          |
|     Josué Montero Durán      |               9 individual hot dogs              |          3 minutes           |
|      Patrick Bertoletti      |                 36 cloves garlic                 |           1 minute           |
|      Patrick Bertoletti      | 6 individual peanut butter and jelly sandwiches  |           1 minute           |
```

Example program output showing the text to be written to the file `output.txt`

Using the file Q06.py:

Amend the program to meet the following requirements:

- Display the world records on screen in sentences as shown above

- Write the world records to the file `output.txt` as shown above
- Use comments, whitespace, local variables subprograms

- Use string formatting to centre align the columns in the table

Do **not** change any other functionality.

Save your file in the COMPLETED_CODING folder as **Q06_FINISHED.py**

A self marking online version of this challenge can be found here:
https://blog.withcode.uk/2022/05/q6-python-exam-practice-questions-for-edexcel-gcse-computer-science/3