Demographics

Q1.
Please create a unique identifier. This unique identifier will be used to like your survey responses but keep your personal information anonymous.

To create an identifier type in:

- Number of siblings (as numeric) +
- First two letters of the city you were born in (lowercase) +
- First three letters of your current street (lowercase).

E.g., (Sherlock Homes has **1** brother, was born in **Po**rsmouth, and lives on **Bac**ker Street - **1pobac**)

Block 1

Q2.
Copy the below code into your R session and try to write the code to accomplish each task. Paste your final solution for all the questions below. You can choose to keep or remove the comments.

1. Load the `tidyverse` and `readxl` libraries.

2. Read in the Excel file located in: "data/medicaldata_tumorgrowth.xlsx" into a variable `tumor`.

3. Select the all the columns except `Grp`, and filter the rows such that Day is `0` or `20`. Save this data subset into a variable `tumor_subset`.

4. We want to compare baseline tumor sizes (Day == 0) with tumor sizes at Day == 20 between each of the groups. Using `tumor_subset`, calculate the average tumor `Size` for each `Grp` and `Day`.

5. Save `tumor_subset` into a CSV file located in "data/tumorsubset.csv".