1. **Lines 1 - 2:** Installed the libraries required to run the script
2. **Lines 3 - 4:** Uploaded the 'WEAT_across_embeddings_across_valenced_lists.xlsx' database and chose the 'All possible' sheet and named it 'embeddings.5'.
3. **Line 6:** Replacing the column "...1" with "Embedding"
4. **Line 8 - 11:** Get 2 new columns 'ValenceList' and 'WEAT' so that direct pairs for the Valence List number and the WEAT D score are generated and can be used to easily plot the graphs. Calling the new database with these new columns as embeddings.5.long.
5. **Line 13:** Extracting the numeric values from the new 'ValenceList' column and storing(overwriting them) in under the same column name, i.e 'ValenceList'
6. **Line 15 - 22:** Creating a function and using it to remove the rows having the headings of each test in the 'Embeddings' column(eg. 'Simple - Good/Difficult - Bad') and the rows having 'NA' in the 'Embeddings Column'.
7. **Lines 24 - 31:** Plotting the different WEAT Effect Sizes(y-axis) against the different Valenced Lists(x-axis). There are separate graphs for each embeddings type(eg. Glove with Common Crawl) with each Effect Size represented by a distinct point. It is stored as 'Distinct_Separate_Embeddings.png'.
8. **Lines 33 - 41:** Plotting the different WEAT Effect Sizes(y-axis) against the different Valenced Lists(x-axis). Each graph has all the Effect sizes across all embeddings combined. Each Effect SIze is represented by a distinct point. It is stored as 'Distinct_Combined_Embeddings.png'.
9. **Lines 43 - 51:** Plotting the different WEAT Effect Sizes(y-axis) against the different Valenced Lists(x-axis). Each graph has all the Effect sizes across all embeddings combined. Each Effect Size is represented by a distinct point, but all the points for each embedding type are connected. It is stored as 'Continuous_Combined_Embeddings.png'.
10. **Lines 53 - 60:** Plotting the different WEAT Effect Sizes(y-axis) against the different Valenced Lists(x-axis). There are separate graphs for each embeddings type(eg. Glove with Common Crawl) with each Effect Size represented by a distinct point, but all the points for each embedding type are connected. It is stored as 'Distinct_Separate_Embeddings.png'.