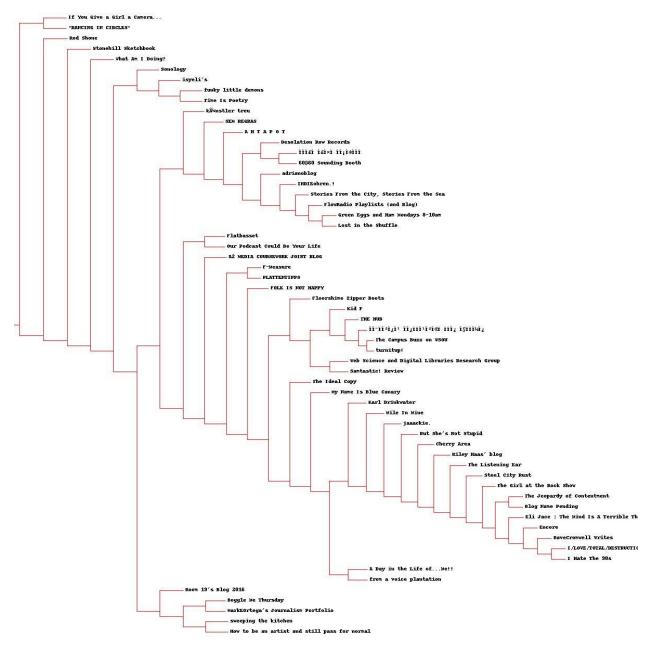
#### **Question 1:**

For question 1, we were to grab 100 blogs from a specific Blog site. The fata was outputted to the file **feedlist.txt**. With the data, once acquired, a Column Matrix was needed for sorting the frequency of occurrence data. Located in the file titled: **blogdata1.txt** 

# **Question 2:**

For question 2, we were to create a Dendrogram and an ASCII diagram that illustrates and the clustering of the most similar blogs.



The data of the clustering can also be viewed in the **asciiDendagram.txt** file.

### **Question 3:**

For question 3, the clusters were to be iterated through and all the iterations were to be documented as the process was done. The file containing this data can also be viewed in

#### k-values.txt

For k=5

Iteration 0

Iteration 1

Iteration 2

Iteration 3

Iteration 4

For k=10

Iteration 0

Iteration 1

Iteration 2

Iteration 3

Iteration 4

For k=20

Iteration 0

Iteration 1

Iteration 2

Iteration 3

Iteration 4

## **Question 4:**

For question 4, an MDS jpeg was to be created to show the similar blogs.

The number of iterations was also to be computed. Which can also be viewed in detail in the file named: **Iterations.txt.** MDS jpeg can be viewed under: **blogs2d.jpeg** 

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