## Part 1:

\*I received all my codes for assignmet \* at <a href="https://github.com/shawnmjones/cs595-">https://github.com/shawnmjones/cs595-</a>
f13/blob/master/assignment9/assignment9.pdf

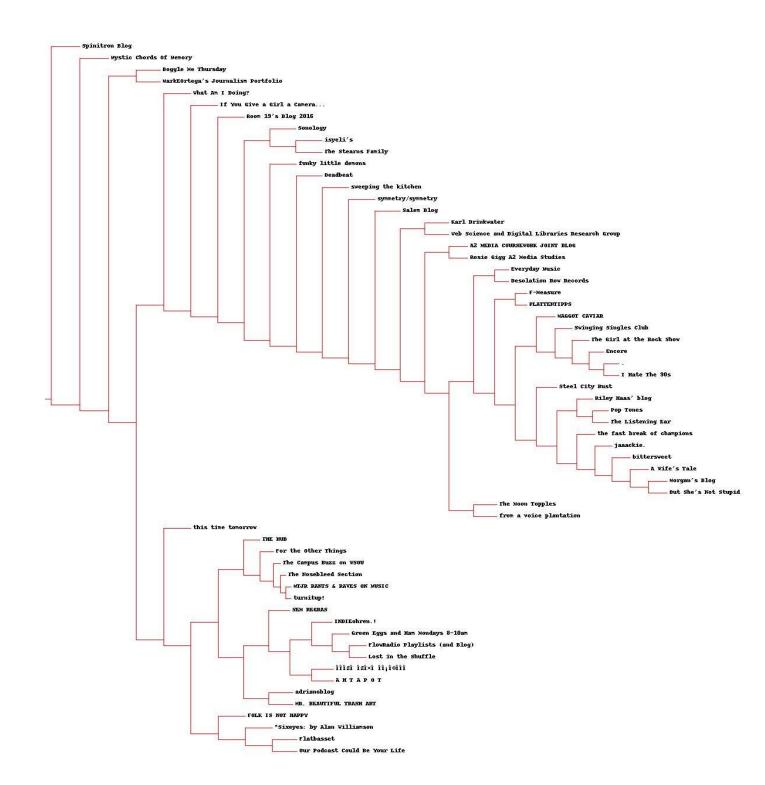
For this part first I ran fetchfeeds.py to be able to receive the blog feeds, later I put them in a text file by inputting python fetchfeeds.py > feedlist.txt. From the feed list I used eliminatewords.py and made blogdata1.txt which was produced by generatefeedvector.py; this generates scores for each word summarizing all occurrences. This later gets the top N words. By running

## Part 2:

Used script makeDendogam.py, which generated dendograms from my blog data.

```
Rod Shone
  Boggle Me Thursday
Room 19's Blog 2016
  What Am I Doing?
    GLI Press
     "DANCING IN CIRCLES"
      ORGANMYTH
            If You Give a Girl a Camera...
                funky little demons
                   SEM REGRAS
                       One Stunning Single Egg
                 forget about it
                    2+2=5?
                       sweeping the kitchen
                         The Ideal Copy
                               PLATTENTIPPS
                               MAGGOT CAVIAR
                                 Doginasweater's Music Reviews (And Other Horseshit)
                             Floorshime Zipper Boots
                                 Web Science and Digital Libraries Research Group
```

Then ran python makeDendogram.py > asii -dendogram.txt, later printed it out and got this result.



## **Part 3:**

Ran by using makeClusters.py; got this output

```
For k=5
Iteration 0
Iteration 1
Iteration 2
Iteration 3
For k=10
Iteration 0
Iteration 1
Iteration 2
Iteration 3
Iteration 4
Iteration 5
For k=20
Iteration 0
Iteration 1
Iteration 2
Iteration 3
```

K=5, meaning we have 5 iterations, for k= 10 having 8 iterations; k= 20 we get 4 iterations.

## Part 4:

1842.15811671	
1423.95288704	
1335.06795276	
1303.59285407	
1286.57065198	
1274.50001812	1151.34108265
1265.38562455	1151.2366055
1257.50839536	1151.12353235 1151.00931814
1251.69966783	1150.91548311
1246.47449232	1150.83280585
1242.46636401	1150.73330507
1239.10182251	1150.61567122
1236.03488851	1150.49391163
1232.97098325	1150.39537932 1150.27681092
1230.60829851	1150.13780995
1228.04154416	1149.97794949
	1149.81107121
1225.94427665	1149.63122124
1224.2573079	1149.45781238 1149.3008394
1222.75035834	1149.12471755
1221.27097165	1148.94882366
1219.75654863	1148.80367065
1218.60852977	1148.6454923
1217.80215574	1148.48133445
1217.20067527	1148.32072982 1148.16043358
1216.78703744	1148.00279126
1216.42827353	1147.80955744
1216.00494744	1147.57566651
1215.65330021	1147.34735882 1147.12182063
1215.25333073	1146.98230912
1214.77227213	1146.93715078
1214.77227213	1146.88263607
	1146.79799877
1213.83463271	1146.65774402
1213.32944288	1146.47673757 1146.2505793
1212.75954924	1145.98429574
1212.29556612	1145.68823949
1211.76875139	1145.36748242
1211.19997271	1145.05353097
1210.54298206	1144.75063752 1144.49442892
1209.84169577	1144.22664915
1209.16104162	1143.9298562
1208.51887069	1143.64428828
1207.8413945	1143.35048239
1207.09408252	1143.08430611 1142.88071238
1206.38509197	1142.71520881
1200.38309197	1142.56196419
1205.78378044	1142.45532945
	1142.38413945
1204.88563379	1142.32161085 1142.27723223
1204.44634129	1142.20723223
1203.90625177	1142.14677985
1203.33830528	1142.13982182
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