

Q1) For the first part of this assignment I went through and picked a random blog and used the ID from the inspection of the next blog button. I then put this into my code and ran it to generate a large list of random other blogs, while still including the two that were given. I then ran a function to eliminate the duplicate blogs URI's and re ran the code with different ID's to gain more blog URI's. Below are snippets of the text files that I got from the programs I ran.

```
http://t-measure.blogspot.com/feeds/posts/default?max-results=200
http://ws-d1.blogspot.com/feeds/posts/default?max-results=200
http://283salem.blogspot.com/feeds/posts/default?max-results=1000
http://adrianomarquesblog.blogspot.com/feeds/posts/default?max-results=1000
http://ashleyemwarren.blogspot.com/feeds/posts/default?max-results=1000
http://blog.spintron.com/feeds/posts/default?max-results=1000
http://bogglemethursday.blogspot.com/feeds/posts/default?max-results=1000
http://campusbuzzwsou.blogspot.com/feeds/posts/default?max-results=1000
http://cherryarea.blogspot.com/feeds/posts/default?max-results=1000
http://crashbeats.blogspot.com/feeds/posts/default?max-results=1000
http://dana9morgan.blogspot.com/feeds/posts/default?max-results=1000
http://deadbeatfanzine.blogspot.com/feeds/posts/default?max-results=1000
http://debaonline4u.blogspot.com/feeds/posts/default?max-results=1000
http://desolationonrowrecords.blogspot.com/feeds/posts/default?max-results=1000
http://didnotchart.blogspot.com/feeds/posts/default?max-results=1000
http://dinosarsarefun.blogspot.com/feeds/posts/default?max-results=1000
http://doginasweatershowreviews.blogspot.com/feeds/posts/default?max-results=1000
http://dustandwaterstudios.blogspot.com/feeds/posts/default?max-results=1000
http://elijace.blogspot.com/feeds/posts/default?max-results=1000
http://encorenorthernireland.blogspot.com/feeds/posts/default?max-results=1000
http://feeds.feedburner.com/Aw/sixeyes?max-results=1000
http://feeds.feedburner.com/blogspot/qbENp?max-results=1000
http://feeds.feedburner.com/Davecromwellwrites?max-results=1000
http://feeds.feedburner.com/karldrinkwater?max-results=1000
http://flatbasset.blogspot.com/feeds/posts/default?max-results=1000
http://flipmpip.blogspot.com/feeds/posts/default?max-results=1000
http://floorshimzipperboots.blogspot.com/feeds/posts/default?max-results=1000
http://flowradio.blogspot.com/feeds/posts/default?max-results=1000
http://glipress.blogspot.com/feeds/posts/default?max-results=1000
http://globalgoon.blogspot.com/feeds/posts/default?max-results=1000
http://hani-bittersweet.blogspot.com/feeds/posts/default?max-results=1000
http://hartsdesire.blogspot.com/feeds/posts/default?max-results=1000
http://ihatethe90s.blogspot.com/feeds/posts/default?max-results=1000
http://ilovetotaldestruction.blogspot.com/feeds/posts/default?max-results=1000
http://intheframefilmreviews.blogspot.com/feeds/posts/default?max-results=1000
http://isyellil.blogspot.com/feeds/posts/default?max-results=1000
http://jamiemcllland.blogspot.com/feeds/posts/default?max-results=1000
http://jbreitling.blogspot.com/feeds/posts/default?max-results=1000
http://jldhlhcm1516.blogspot.com/feeds/posts/default?max-results=1000
http://jofat1995.blogspot.com/feeds/posts/default?max-results=1000
http://kidchair.blogspot.com/feeds/posts/default?max-results=1000
http://kunstlertreu.blogspot.com/feeds/posts/default?max-results=1000
http://laespiraldejosephk.blogspot.com/feeds/posts/default?max-results=1000
http://listeningear.blogspot.com/feeds/posts/default?max-results=1000
http://lostinthesuffle899.blogspot.com/feeds/posts/default?max-results=1000
http://maggotcaviar.blogspot.com/feeds/posts/default?max-results=1000
http://markeortega.blogspot.com/feeds/posts/default?max-results=1000
http://marshwiggie.blogspot.com/feeds/posts/default?max-results=1000
http://mattsbunker.blogspot.com/feeds/posts/default?max-results=1000
http://mesastivromia.blogspot.com/feeds/posts/default?max-results=1000
http://michaelwferguson.blogspot.com/feeds/posts/default?max-results=1000
http://mileinmine.blogspot.com/feeds/posts/default?max-results=1000
http://mobbie2.blogspot.com/feeds/posts/default?max-results=1000
http://mondaywakeup.blogspot.com/feeds/posts/default?max-results=1000
http://moontopples.blogspot.com/feeds/posts/default?max-results=1000
http://mtjrrantsravesonmusic.blogspot.com/feeds/posts/default?max-results=1000
http://my-name-is-blue-canary.blogspot.com/feeds/posts/default?max-results=1000
http://mysteryfallsdown.blogspot.com/feeds/posts/default?max-results=1000
http://ngaio1619.blogspot.com/feeds/posts/default?max-results=1000
http://noradiorecs.blogspot.com/feeds/posts/default?max-results=1000
http://onebaseonanovertthrow.blogspot.com/feeds/posts/default?max-results=1000
http://organmyth.blogspot.com/feeds/posts/default?max-results=1000
http://ourpodcastcouldbeyourlife.blogspot.com/feeds/posts/default?max-results=1000
http://parishradio.blogspot.com/feeds/posts/default?max-results=1000
http://pithyttitlehere.blogspot.com/feeds/posts/default?max-results=1000
http://ps-music.blogspot.com/feeds/posts/default?max-results=1000
http://psychfolkmusic.blogspot.com/feeds/posts/default?max-results=1000
http://richardwhitten.blogspot.com/feeds/posts/default?max-results=1000
http://rodshone.blogspot.com/feeds/posts/default?max-results=1000
http://semegrasluispink.blogspot.com/feeds/posts/default?max-results=1000
http://seveninchesisenough.blogspot.com/feeds/posts/default?max-results=1000
http://sixtyat60.blogspot.com/feeds/posts/default?max-results=1000
http://skinnyshoes.blogspot.com/feeds/posts/default?max-results=1000
```

Feedlist.txt

Blog	woods	hanging	screaming	wooden	wednesday	rebel	travel
bbath	panda	machines	physically	era	minded	innovative	
ghest	beats	education	consists	swan	void	settings	
spot	equal	arrangements	stores	vibrant	hail	hair	flip
ggests	frog	sinister	whilst	glen	superior	crowds	huh
t	santa	mature	points	actors	sides	walked	walker
ibed	describes	anthony	overlooked	temporary	examples	pet	per
hcock	chemistry	shouting	excited	warning	nash	jimi	drinking
nybody	exhibition	fucking	associated	mechanical	painting	buttons	meat
st	bother	gentle	lily	adult	pride	poorly	fabulous
hazy	haze	seventh	credit	besides	biggest	pro	ease
curtain	bull	chord	authority	pre	genuine	circles	preferred
esult	wikipedia	accident	songwriters	stages	floating	handed	vooodoo
no	comic	toronto	mercy	builds	exploring	quirky	senior
beta	commit	amsterdam	hamilton	clock	prior	followed	doom
ainly	maps	swans	pass	investment	sixth	innocence	stark
sh	moniker	amy	twelve	reggae	rehearsal	assault	antlers
erse	swim	drummer	funky	rachel	posts	standards	athens
visit	shoes	clouds	impressive	unique	steps	fox	fog
ssion	passage	possibly	greek	affected	companies	legends	wise
ions	ordinary	rescue	slight	worthy	criticism	costello	dreamy
s	dynamic	usual	criticism	costello	dreamy	shoulder	faithful
omment	imagery	usual	criticism	costello	dreamy	shoulder	faithful
cult	elaborate	bang	bank	costello	dreamy	shoulder	faithful
total	pizza	bang	bank	costello	dreamy	shoulder	faithful
ight	opportunity	attempted	fortunate	seemingly	parent	singers	everyday
gig	virgin	attempted	fortunate	seemingly	parent	singers	everyday
on	rolled	roller	fortunate	seemingly	parent	singers	everyday
ncing	scores	stick	devoted	parent	singers	everyday	slice
finishing	whispered	parent	singers	everyday	slice	ashes	valley
aptures	violent	parent	singers	everyday	slice	ashes	valley
Flatbasset	0	0	2	0	0	4	3
0	0	3	6	3	1	0	3
0	4	16	4	0	0	2	1
10	0	5	1	0	8	121	1
4	9	0	2	1	1	0	25
7	3	6	8	2	2	6	1
5	4	6	7	1	1	0	1
0	1	9	2	2	0	15	2
13	4	2	8	1	2	1	0
Riley Haas' blog	0	0	2	0	0	0	0
0	0	2	4	3	7	2	5
15	3	0	2	9	0	0	0
1	6	0	0	0	0	5	4
4	1	1	2	0	2	2	1
0	4	0	0	0	1	0	2
8	1	0	0	3	3	0	1
10	24	0	3	1	0	1	1
1	7	26	0	0	0	2	2
SEM REGRAS	0	0	1	7	0	5	0
0	3	0	0	1	0	1	0
1	0	0	0	3	0	0	0
0	0	0	0	0	0	0	0
1	0	0	1	1	0	2	0
0	2	3	2	0	0	2	0
1	1	0	0	0	0	0	0
0	2	6	0	0	4	6	0
1	8	0	1	0	0	2	1
Pithy Title Here	0	6	9	0	1	5	0
3	4	2	1	8	1	0	2
0	2	1	0	2	0	6	1
0	0	1	2	0	1	8	1
9	0	9	0	1	8	5	3
0	8	1	0	3	1	0	2
14	17	1	0	5	0	1	4
0	27	0	0	3	0	2	0
0	1	0	1	11	0	3	1
MTJR RANTS & RAVES ON MUSIC	0	16	4	12	11	2	8
6	10	0	5	4	0	14	2
5	8	7	4	1	3	8	3
14	6	3	4	0	0	7	8
6	3	16	4	7	13	1	8

Blogdata.txt

Q2) For the second part of this assignment I made code that makes the ASCII and JPEG dendrogram that clusters the Blogdata.txt file from question 1. The ASCII and JPEG files are posted in my github repository because they are too big to include in the report.

Q3) This portion of the assignment I made a cluster of the blogdata using the K-Means, which is k=5, 10, 20, which is from slide 18. The values for the K-Means cluster is posted below. The amount of iterations required for the value k=5 is 5, the amount required for k=10 is 4, and finally the amount required for k=20 is also 4.

```
1 For k=5
2 Iteration 0
3 Iteration 1
4 Iteration 2
5 Iteration 3
6 Iteration 4
7
8 For k=10
9 Iteration 0
10 Iteration 1
11 Iteration 2
12 Iteration 3
13
14 For k=20
15 Iteration 0
16 Iteration 1
17 Iteration 2
18 Iteration 3
19
```

Q4) For this part of the assignment I used code for an MDS to create a JPEG of the blogs, which is similar to those found on slide 29. The amount of iterations required was 171. The

JPEG of the cluster is posted below and the Interaction Required file is uploaded to the github repository.