## **Assignment Three**

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CS432 – Spring 2016

1. Download the 1000 URIs from assignment #2. "curl", "wget", or "lynx" are all good candidate programs to use. We want just the raw HTML, not the images, stylesheets, etc. from the command line:

% curl http://www.cnn.com/ > www.cnn.com

% wget -O www.cnn.com http://www.cnn.com/

% lynx -source http://www.cnn.com/ > www.cnn.com

"www.cnn.com" is just an example output file name, keep in mind that the shell will not like some of the characters that can occur in URIs (e.g., "?", "&"). You might want to hash the URIs, like:

% echo -n "http://www.cs.odu.edu/show features.shtml?72" | md5

41d5f125d13b4bb554e6e31b6b591eeb

("md5sum" on some machines; note the "-n" in echo -- this removes the trailing newline.)

Now use a tool to remove (most) of the HTML markup. "lynx" will do a fair job:

% lynx -dump -force\_html www.cnn.com > www.cnn.com.processed

Use another (better) tool if you know of one. Keep both files for each URI (i.e., raw HTML and processed).

```
http://0.tum.news/0UB89
http://1.usa.gov/1ovZzOF
http://1.usa.gov/1SkIALB
http://1000goldschlager.de
http://1000webradios.de/streams/1000goldschlager.m3u
http://1000webradios.de/streams/eurosmoothjazz.m3u
http://1029thehog.com/road-hogs/021216-jim-norton/
http://11noticias.com
http://lee.me/47v
http://lnayami.xsrv.jp/sp/entry292.html
http://247sports.com/Player/Bradley-Jennings-Jr-87446
http://247wallst.com/investing/2013/03/12/eight-companies-that-will-benefit-from-keystone-pipeline-approval-trp-cnq-cop-de-xom-lyb-pwr-vlo/
http://2jamtt.sakura.ne.jp/lxro/2016/02/13/post-16297/
http://2sk.co/A43cb
http://360musicng.co/soundcloud-responds-rumors-companys-imminent-doom/
http://365diary.net/eDVwMUJ4L2svZG9ucQ-
http://49thshelf.com/Blog/2016/02/11/The-Chat-Trevor-Corkum-Interviews-Damian-Rogers
http://4NN.cx/.98590
http://550909.com/?f5160450
http://550909.com/?f9897728
http://7asnat.com
http://7asnat.com/
http://7czote.com/moc/2016/02/12/post-1934/
http://9gag.com/gag/a57E7MN?ref=tp
http://9gag.com/gag/ajAmbx1?ref=mobile
http://9gag.com/gag/axjM8oY?ref=blackberry
http://9jastreet.com
http://onews.com.au/national/2016/02/12/12/50/stephen-hawking-says-discovery-of-gravitational-waves-provides-new-way-of-looking-at-the-universe
http://a.r10.to/h0vxu0
http://a502.phobos.apple.com/us/r30/Music69/v4/c4/254/c44254ae-bd05-e368-6999-414b7f0cc2b8/mzaf 7784649859167295490.plus.aac.p.m4a
http://abc7.com/1187404/
http://abcd2.seesaa.net/
http://abcn.ws/1PForKt
http://abcn.ws/1XoiHdg
http://abizy.com/p/rss.html?user=http://twitrss.me/twitter_user_to_rss/?user=ReallyFreeCams
http://abizy.com/p/view.html?url=http://stackoverflow.com/questions/35373514/how-to-use-pow-function-for-calculating-powers-more-than-232-in-c
http://abr.ai/241C7Jk
http://abuse.sk.211.ca
http://act.credoaction.com/sign/Snyder\_Subpoena?sp\_ref=173834570.4.154073.o.1.2 \& referring\_akid=.9190838.210 kH1 \& source=clickcopy\_sp=1.00 kH1 & source
http://act.democracyforamerica.com/s/254036.45ngAY
http://ad.c-ats.jp/ad/p/r?_site=70&_article=204&_link=320&_image=320
http://adove.top/index.php?no=198103
http://afaee.xyz/gepE2
```

For the first question I took the 1000 different URI's that I had acquired from question one and put them in a new file named 'uriFile.txt' With that information I created a new python program called 'htmlExtractor.py' which covered all of the steps to extract the processed files.

```
#-*- coding: utf-8 -*-
import requests
#import uuid
import os
URIFile = open('uriFile.txt', 'r') #Opens the file w/ all of the uri's to test in read mode
outputFile = open('hashUnedited.txt', 'w')
counter = 0
ScriptPartOne = "echo -n '"
ScriptPartTwo = "' | md5sum >> hashUnedited.txt"
ScriptPartThree = "lynx -source "
ScriptPartFour = " > "
ScriptPartFive = "lynx -dump -force_html "
ScriptPartSix = ".processed"
with open('uriFile.txt') as f:
    lines = f.readlines()
    lines = [x.strip('\n') for x in lines]
for URLS in lines:
    r = os.system(ScriptPartOne + URLS + ScriptPartTwo)
    #outputFile.write(r.text())
HashFile = open('hashUnedited.txt', 'a')
with open ('hashUnedited.txt') as z:
   hashName = z.readlines()
    hashName = [x.strip('\n') for x in hashName]
   hashName = [n.strip(' *- ') for n in hashName]
HashFileNames = open('editedFileNames.txt', 'a')
for names in hashName:
    a = os.system(ScriptPartThree + lines[counter] + ScriptPartFour + hashName[counter])
    HashFileNames.write(hashName[counter])
    HashFileNames.write("\n")
    counter += 1
HashFileNames.close()
with open('editedFileNames.txt') as s:
    readFiles = s.readlines()
    readFiles = [i.strip('\n') for i in readFiles]
for loop in readFiles:
    q = os.system(ScriptPartFive + loop + ScriptPartFour + loop + ScriptPartSix)
   #outputFile.write(r.text())
URIFile.close()
HashFile.close()
```

Using the md5sum commands I was able to traverse through my URI file and create a hash value for each to be used as a naming convention. This was all stored initially inside of a file named 'hashUnedited' due to md5sum creating a trailing '\*-' after each has value.

b1667f94d89d2eff4af4a1b1cbdb3e47 \*da6b60b4b4978f3b5b978f1754f3c457 \*-8867e76abff84f75ddc053902662a60b \*ae17e1966d43b1d062be59fd01f0dc03 \*ed78788da45ba6db1e0bd0ddad5a73f9 \*-6533c991a236bce3c4df6215577a5921 \*-52026916d5b2c2b679c3a38fcfbda2e7 \*-23d911ba989e5f57ae6aa6088fb0be13 \*fcb458cd93d86564f0e2f1fa997b1292 \*-7a6b7b5ca1c09b92c24f39d37be1e4b8 \*c8cd2423db653a2a77820cba738a9c48 \*-0957f31e48544a30f36b7e9ce04cf438 \*-582cf4e4cd48badcc4753cbfcca179ae \*b81617650d7cc6c4ec5d721e30a8d789 \*-01d27434e0d841039e2323f980302c87 \*-82ff7e215a38ba29fe02431237cee2a4 \*fe800b15bb93a444d4a0fc105f81f437 \*fa36cdbbaa1195feb620a44474fbab1c \*-98f1f47bfefb03f1383619ea173477fe \*-4faa22f822bc80b0492352eb28fb52c0 \*-636e7eff34ea92e3d3c890151619c39f \*d226bdcfa2f60ff5ab90bad47da1bfad \*dc05aff872329c28730798bff26084df \*e03db9af018355d695fdb603d3041d99 \*c1b749306badc0e3f750cec21e482d02 \*-9888c7f9740003c38069951128a14366 \*-47a4b852fe5690f06d70cba90c91142d \*-0fdabb027e6e4543d8a525abe3a378dd \*d34d3042c5a4171e19a9a0bdac544452 \*-86f13c295cdc558b111d7c3c590cc0e9 \*-45c374d37ce33c2b0b5318f280dcb788 \*f0c2945d964ed6eeda1ca043c95d56bc \*-176e3c6b9b8078ea45f86451606cab51 \*-0b0e30c8dcc345f617fb10472a30f074 \*-193ee5097813e35b16d3d06893b3cf1c \*-659cf7d31c9c9023389afe28a2887710 \*b8ba666b724df9c0232d00cfb98a2f4f \*f404cbf3aed73a6c341d59f1cc69971e \*-033e8b9934af50a191897d6c66d650d9 \*a25d76bb91630613d052a6fb29e72706 \*-2361024e354eb0b6116e5c296e0fdec6 \*-9ac54005fd43faee97052d875f036424 \*-2c2c76b8eb444326d6d0a22411476517 \*aa3ef4a9e6a819d143be9a342b9d487c \*-84252e412cdc059c4237916176ef171b \*ec755aa88e22873d58265c831e43c419 \*-4c3b270e02fea91f2c626c4e790922a4 \*cfbebe4995a68366cc1712f6213f0785 \*c85d3d6b62a0264092c7a2e6522b9a42 \*c2ff0d27eace68341b904b03b44de176 \*ae7c73443ad5c6bdf6348d968b46161b \*- b03710141f1f1bec1fa7533c0d865f56 9a95b8419da3cb23dc515070ab10a514 e0c44cf2483467a95da398bb56b31080 28e738d8cf355578e73dda7b7ac882e8 6735d49db53561c5500aca73d01d353d 3d32c1fde4f142817476aafde9bd7145 75384c9180dc62c30ec35e0ad263ce82 8f707f857351e9f39bee81278e223339 d9d6d392381ce2d2cc76feea6258d9c1 ba42b2621b210d1fe843281be2c96ecf 09a69936db9872bb22fa0038ce16c9f7 d8a1ab30cc1b5a8141830199c65da664 bf538dfd9a3cb9c7f032507d6337deae 74b1aa2dbd110c32bd4ab3fc01c58966 c0922e9d8ac29440ee64fc5edfebf2f5 c70f02a1f214d789f04bc867108ef873 1814922a0433ee3005bb83cb95268842 035fe57f901f2a3142698450a313e5f2 dbd36b13233f374a4065df14770d9b0d cf7023f9da5563aef5dbbfe47aca2dbd 2b6d9be961e7eb30c2bc2f029220bb1b a49ece1824d9bd31c11140d87e30d6bd f249832f5b1074487eadd3705b017269 70ec34751961c47dbb54666c208d66a0 5aa838c2cdb61cbf5edd14047acbc340 e8b7770d51ca3b4a21d7cca0fba40787 ab8c33550b7ced323ba9a509c77f742a 2c24e05b81f99145605dcd5d3ce002a8 abe490a1901491e3f724052586a80afc 54d9ad5df2b2fba00217412cc7eefbe1 f50ea2ab5587b1400ac23909f0278c13 b429026d1edefe2954efa345830b1f0a 32f5857a73942cec182309ddbcf7a109 1b94649a322002d1edcff00886fc9958 ac72c29c0d371b93011ad80d408dc37a 4480d14ca804575295f0998096f899d0 d1c787bfdcc780b6408f9d0379747b32 25e68a231817e72119e18d81d48d57ab 6ee2df41c8aa1ae32690fa6f2b3e249a a94cb74f75165750cd246ff33bc04d14 d08fc04230348f56147bc8c04034040f ed00c76032cfa33f3db85a1f0f140a8d e033b19ac936c42bf26fdc3a5aef7fd2 f2a84a78b2ba142ec1e7b4a22b58a5a5 34f63696ea3a8acb944f98bbebf5c888 63d3ff8b1193b161697f7b0772f58b0b ed6082d2dea413702de51928473fb35b ba62dafc0cb6d79543046453233a2328 8e686c201cbe93d22dab974c675cfdd3 b0651082f7decb1b9471082e3ad11340 4ba0f7d55055745c60055d4a9b45ba15 2e502ad228ab7ae2138517e63df771d9

After obtaining the initial unedited hash values, I put all of the original URIs through the 'lynx –source foo.bar > hashValue' meanwhile trimming off the ends of the hash values. This gave me both the list of edited hash values and the 1000 files of pure html named after the hash codes under the filename 'editedFileNames.txt'.

★ Favorites     ■ Desktop	00a7eb8b49d8d02b55e716ca194	00a7eb8b49d8d02b55e716ca194	00d4d2d5c72b06d031c929e071ac	00d4d2d5c72b06d031c929e071ac	00de478d05dea0aaf954f7011d28f
Downloads	00de478d05dea0aaf954f7011d28f	00fb869e063ba367e5a5126acaf84	00fb869e063ba367e5a5126acaf84	0a128737e76ec230f4cecb5b01fa8	0a128737e76ec230f4cecb5b01fa8
Recent places	0a546505caf217cc4c4b2db84dbf2	0a546505caf217cc4c4b2db84dbf2	0abd94860675dd770f2c8fed72ac	0abd94860675dd770f2c8fed72ac	0ac008309382aee23d233fd55bfb
OneDrive	0ac008309382aee23d233fd55bfb	0aea735d42d8c518857168a1188a	0aea735d42d8c518857168a1188a	0b0e30c8dcc345f617fb10472a30f	0b0e30c8dcc345f617fb10472a30f
<b>₹</b> Homegroup	0b8315c25379b35c837ebd35aba2	0b8315c25379b35c837ebd35aba2	0ba74edf37fa61d73dbda7376adf	0ba74edf37fa61d73dbda7376adf	0be6388e9845cb789a53322e6593
Name → N	Obe6388e9845cb789a53322e6593	0c0abecd0483e742472895e10d17	0c0abecd0483e742472895e10d17	Ocab9821e1792c6690783470a6a8	0cab9821e1792c6690783470a6a8
Desktop	0ceb0138e00ca51ddf014b3442da	0ceb0138e00ca51ddf014b3442da	0d3b56937550689fc522fb231cfb8	0d3b56937550689fc522fb231cfb8	0e0909854e57c70a7bb74781448d
Documents  Downloads	0e0909854e57c70a7bb74781448d	0e3533417ae02b5f5bf4d233060b	0e3533417ae02b5f5bf4d233060b	0ed7b84371eb09444587e6729467	0ed7b84371eb09444587e6729467
Music Owner (owner-hp)	0edc35b6d2db8350073b74bbee5	0edc35b6d2db8350073b74bbee5	0f900ef5a331314dfbc0ea2d84da6	0f900ef5a331314dfbc0ea2d84da6	0fdabb027e6e4543d8a525abe3a3
Pictures  ## ubee-DMS:10	Ofdabb027e6e4543d8a525abe3a3	01cd7576683263c2ca7f37e85a561	01cd7576683263c2ca7f37e85a561	01d27434e0d841039e2323f98030	01d27434e0d841039e2323f98030
Videos Vuze on ADLER OS (C:) DATA (D:)	1ac8f1213f61b613570164783a0dc	1ac8f1213f61b613570164783a0dc	1af6c3cbe9ef2282ceedfff5572686	1af6c3cbe9ef2282ceedfff5572686	1afd251f4eb2b1c00110d8ae9495
	1afd251f4eb2b1c00110d8ae9495	1b5e185bdb2b13523da86389d41	1b5e185bdb2b13523da86389d41	1b0479fcb629d6b6208e8447c10b	1b0479fcb629d6b6208e8447c10b
	1b94649a322002d1edcff00886fc9	1b94649a322002d1edcff00886fc9	1c01bdd815abb793d1fe53b1d39	1c01bdd815abb793d1fe53b1d39	1c121e0a6541b222b32ca83e0af4
Network	1c121e0a6541b222b32ca83e0af4	1c216af4d2d1747aa8654dab734b	1c216af4d2d1747aa8654dab734b	1c425e045e625b3302028dccf18ff	1c425e045e625b3302028dccf18ff
	1d102c124c697eba17b04c14649b	1d102c124c697eba17b04c14649b	1d6121fc4123812fe10fa64ede256	1d6121fc4123812fe10fa64ede256	1e509186bb6cf4cfa215ed04b95e
	1e509186bb6cf4cfa215ed04b95e	1eb63010dc4e790e347122425ed6	1eb63010dc4e790e347122425ed6	1f7d477589d2006658f209ce01c55	1f7d477589d2006658f209ce01c55
	1fdf1ca52f5bf35ebfae4383d03f70	1fdf1ca52f5bf35ebfae4383d03f70	02a8555319270c91a31ccdd86793	02a8555319270c91a31ccdd86793	02d3bab94e21b6e005e1dac3c0a2
	02d3bab94e21b6e005e1dac3c0a2	02ec54961ff38f316b1eb96887b08	02ec54961ff38f316b1eb96887b08	2a530783d908032c1fd3e45676f64	2a530783d908032c1fd3e45676f64
	2aee0db4bfe8865e8bb8744ba6b	2aee0db4bfe8865e8bb8744ba6b	2b3c7d9d4a32e074cae30ea6619f	2b3c7d9d4a32e074cae30ea6619f	2b6d9be961e7eb30c2bc2f029220
	2b6d9be961e7eb30c2bc2f029220	2bb55994a22fb718e2b3eb1742c8	2bb55994a22fb718e2b3eb1742c8	2c2c76b8eb444326d6d0a2241147	2c2c76b8eb444326d6d0a2241147
2,005 items State: 3 Sha	red				

After that, I ran each generated file through the 'lynx –dump' command to get the 1000 processed files without the HTML structure thus completing question 1.

```
Social Media Marketing for Business
               * MavSocial Secure Login
               * [_] Remember Me [1]Forgot Your Password?
             * Don't have an account?
              * [2]Sign up here. (Submit) Login
         [mavsocial_login_image.png]
         Software for Social Media Marketing Powered by MavSocial
                                       (c) Copyright 2013-2016 Mayentus Group Incorporated
         (BUTTON) ×
Getting Started with MavSocial
        [3]Social Networks
        Add any of your Social Networks and start using MavSocial.
         [4]Digital Library
        Manage your digital content effectively with MavSocial Digital Library
         [5]Post Manager
         Share your content with the powerful MavSocial Post Manager.
References
        Visible links
        1. \  \  \underline{file://localhost/cygdrive/c/Users/jacob\_000/Desktop/CS432/assignmentThree/HTMLWork/0a128737e76ec230f4cecb5b01fa8d1f\#forgot\_password_assignmentThree/HTMLWork/0a128737e76ec230f4cecb5b01fa8d1f\#forgot\_password_assignmentThree/HTMLWork/0a128737e76ec230f4cecb5b01fa8d1f\#forgot\_password_assignmentThree/HTMLWork/0a128737e76ec230f4cecb5b01fa8d1f\#forgot\_password_assignmentThree/HTMLWork/0a128737e76ec230f4cecb5b01fa8d1f\#forgot\_password_assignmentThree/HTMLWork/0a128737e76ec230f4cecb5b01fa8d1f\#forgot\_password_assignmentThree/HTMLWork/0a128737e76ec230f4cecb5b01fa8d1f\#forgot\_password_assignmentThree/HTMLWork/0a128737e76ec230f4cecb5b01fa8d1f\#forgot\_password_assignmentThree/HTMLWork/0a128737e76ec230f4cecb5b01fa8d1f\#forgot\_password_assignmentThree/HTMLWork/0a128737e76ec230f4cecb5b01fa8d1f\#forgot\_password_assignmentThree/HTMLWork/0a128737e76ec230f4cecb5b01fa8d1f\#forgot\_password_assignmentThree/HTMLWork/0a128737e76ec230f4cecb5b01fa8d1f\#forgot\_password_assignmentThree/HTMLWork/0a128737e76ec230f4cecb5b01fa8d1f\#forgot\_password_assignmentThree/HTMLWork/0a12873f4cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecb5b01fa8d1f4f6cecbf6cecbf6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff6cecbff
        http://www.mavsocial.com/siqn-up/
        3. https://app.maventus.com/account/manage-social-network
         4. https://app.maventus.com/media/image-library
         5. <a href="https://app.maventus.com/post-manager/index">https://app.maventus.com/post-manager/index</a>
         Hidden links:
         6. https://app.maventus.com/home/home
```

5

1

2

5203

1672

1281

4697

0.00096

0.0006

0.00156

0.00085

http://lt.cl/Yh311

2. Choose a query term (e.g., "shadow") that is not a stop word (see week 5 slides) and not HTML markup from step 1 (e.g., "http") that matches at least 10 documents (hint: use "grep" on the processed files). If the term is present in more than 10 documents, choose any 10 from your list. (If you do not end up with a list of 10URIs, you've done something wrong).

As per the example in the week 5 slides, compute TFIDF values for the term in each of the 10 documents and create a table with the TF, IDF, and TFIDF values, as well as the corresponding URIs. The URIs will be ranked in decreasing order by TFIDF values.

All of my work can be shown in the 'calculations.xlsx' file. My keyword was 'smartphone'.

TFIDF	TF	IDF	URI
0.0095	0.00153	6.2143	http://wrld.bg/Y8Rg2
0.0243	0.00392	6.2143	http://www.elmejormovil.net/#Ranking_mejores_moviles
0.0059	0.00096	6.2143	http://www.news.com.au/technology/online/social/latest-financial-report-for-streaming-service-soundcloud-is-far-worse-than-anybody-imagined/news-story/771fdf1f88079550f14c0ba07d09bbb
0.0028	0.00045	6.2143	http://host.madison.com/business/article_0dd4070e-d278-5293-a1ec-82e59e54351a.html
0.0369	0.00594	6.2143	http://www.gizmag.com/laser-weld-neurons/41807/
0.0049	0.0008	6.2143	http://www.jagran.com/spiritual/religion-when-why-and-how-the-worship-of-goddess-saraswati-vasant-panchami-13571414.html
0.0059	0.00096	6.2143	http://www.news.com.au/technology/online/social/latest-financial-report-for-streaming-service-soundcloud-is-far-worse-than-anybody-imagined/news-story/771fdf1f88079550f14c0ba07d09bbb
0.0037	0.0006	6.2143	http://www.examiner.com/review/wild-game-cookbook-fried-moose-ribs-with-poached-pears-and-candied-chestnuts
0.0097	0.00156	6.2143	http://www.macrumors.com/2016/02/12/eddy-cue-craig-federighi-bloated-software/
0.0053	0.00085	6.2143	http://lt.cl/Yh311

1,000	0.00130	0,2173	nttp://www.macramo	13.00111/2010/02/	12/ cody cuc c	raig icacrigiii bioa	teu sortware/							
0.0053	0.00085	6.2143	http://lt.cl/Yh311											
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Word Count	Total words	TF	URI											
2	1305	0.00153	http://wrld.bg/Y8I	Rg2										
21	5363	0.00392	http://www.elmej	_	king mejores	moviles								
1	1038	0.00096					eport-for-streaming	service-soundcl	oud-is-far-worse-	than-anybody-ir	nagined/news-	story/771fdf	1f88079550f14	c0ba07d09bbb
1	2233	0.00045			• • • • • • • • • • • • • • • • • • • •		ec-82e59e54351a.ht					,		
8	1346	0.00594	http://www.gizma	g.com/laser-weld	-neurons/4180	07/								
4	4993	0.0008	http://www.jagrar	.com/spiritual/re	eligion-when-wl	hy-and-how-the-w	orship-of-goddess-sa	raswati-vasant-	oanchami-13571	414.html				

http://www.examiner.com/review/wild-game-cookbook-fried-moose-ribs-with-poached-pears-and-candied-chestnuts

http://www.macrumors.com/2016/02/12/eddy-cue-craig-federighi-bloated-software/

http://www.news.com.au/technology/online/social/latest-financial-report-for-streaming-service-soundcloud-is-far-worse-than-anybody-imagined/news-story/771fdf1f88079550f14c0ba07d09bbb9

3. Now rank the same 10 URIs from question #2, but this time by their PageRank. Use any of the free PR estimators on the web.

PageRank Table	USING http://w	www.seocentro.com/tools/search-engines/pagerank.html
TFIDF Rank	PageRank	URI URI
1	0.4	http://www.movilzona.es/2016/02/12/mejora-el-uso-de-iphone-con-esta-curiosa-organizacion-de-las-aplicaciones/
2	0.6	http://www.gizmag.com/laser-weld-neurons/41807/
3	0.1	http://www.elmejormovil.net/#Ranking_mejores_moviles
4	0.7	http://www.macrumors.com/2016/02/12/eddy-cue-craig-federighi-bloated-software/
5	0.2	http://wrld.bg/Y8Rg2
6	0.8	http://www.news.com.au/technology/online/social/latest-financial-report-for-streaming-service-soundcloud-is-far-worse-than-anybody-imagined/news-story/771fdf1f88079550f14c0ba07d09bbb9
7	0.1	http://lt.cl/Yh311
8	0.6	http://www.jagran.com/spiritual/religion-when-why-and-how-the-worship-of-goddess-saraswati-vasant-panchami-13571414.html
9	0.8	http://www.examiner.com/review/wild-game-cookbook-fried-moose-ribs-with-poached-pears-and-candied-chestnuts
10	0.6	http://host.madison.com/business/article_0dd4070e-d278-5293-a1ec-82e59e54351a.html