## HW1- Qn2

Command used:

wget -U -r --wait=5 --level=0 http://www.ccs.neu.edu -O - | tr "\t\r\n'" ' "' |

grep -i -o '"\(http\)\?:[^"]\+\/[html|pdf]\+\*"' | sed -e 's/^.\*"\([^"]\+\)".\*$/\1/g' | uniq | head -100

**Details for the above command:**

-U : user-agent

-r : recursive

--wait = 5 secs delay

--level : recursive level to go to

--accept : restricting the output to html, pdf

-O : output to the screen

tr : translating tabs, rows and newline characters to spaces

grep with regex to limit the output

sed : stream editor with regex

uniq : makes sure the output links are unique

head -100 : restricting the number of links to 100

Output Links:

1. http://www.ccs.neu.edu/
2. http://www.ccs.neu.edu/feed/
3. http://www.ccs.neu.edu/comments/feed/
4. http://www.ccs.neu.edu/contact-us/
5. http://www.ccs.neu.edu/
6. http://www.ccs.neu.edu/about/
7. http://www.ccs.neu.edu/about/deans-message/
8. http://www.ccs.neu.edu/undergraduate/welcome/
9. http://www.ccs.neu.edu/undergraduate/advising/
10. http://www.ccs.neu.edu/undergraduate/degree-programs/
11. http://www.ccs.neu.edu/undergraduate/minors/minor-in-computer-science/
12. http://www.ccs.neu.edu/undergraduate/minors/minor-in-information-science/
13. http://www.ccs.neu.edu/undergraduate/ccis-internal-transfer-policy/
14. http://www.ccs.neu.edu/undergraduate/tutoring/
15. http://www.ccs.neu.edu/undergraduate/scholarships/
16. http://www.ccs.neu.edu/undergraduate/major-student-awards/
17. http://www.ccs.neu.edu/graduate/
18. http://www.ccs.neu.edu/graduate/degree-programs/
19. http://www.ccs.neu.edu/graduate/current-students/
20. http://www.ccs.neu.edu/co-op/
21. http://www.ccs.neu.edu/people/
22. http://www.ccs.neu.edu/people/faculty/
23. http://www.ccs.neu.edu/people/administrative-staff/
24. http://www.ccs.neu.edu/people/student-organizations/
25. http://www.ccs.neu.edu/contact-us/
26. http://www.ccs.neu.edu/research/
27. http://www.ccs.neu.edu/research/research-groups/
28. http://www.ccs.neu.edu/research/centers-and-institutes/
29. http://howto.ccs.neu.edu/
30. http://www.ccs.neu.edu/prospective-students/
31. http://www.ccs.neu.edu/current-students/
32. http://www.ccs.neu.edu/alumni/
33. http://www.ccs.neu.edu/employers/
34. http://www.ccs.neu.edu/undergraduate/
35. http://www.ccs.neu.edu/graduate/
36. http://www.ccs.neu.edu/graduate/degree-programs/
37. http://www.ccs.neu.edu/research/research-groups/
38. http://www.ccs.neu.edu/research/research-groups/algorithms-and-theory/
39. http://www.ccs.neu.edu/research/research-groups/artificial-intelligence/
40. http://www.ccs.neu.edu/research/research-groups/data/
41. http://www.ccs.neu.edu/research/research-groups/educationalresearch/
42. http://www.ccs.neu.edu/research/research-groups/formal-methods/
43. http://www.ccs.neu.edu/research/research-groups/game-design/
44. http://www.ccs.neu.edu/research/research-groups/human-computer-interaction/
45. http://www.ccs.neu.edu/research/research-groups/social-networks/
46. http://www.ccs.neu.edu/research/research-groups/personal-health-informatics/
47. http://www.ccs.neu.edu/research/research-groups/programming-languages/
48. http://www.ccs.neu.edu/research/research-groups/network-security/
49. http://www.ccs.neu.edu/research/research-groups/software-engineering/
50. http://www.ccs.neu.edu/research/research-groups/systems/
51. http://www.ccs.neu.edu/people/faculty/
52. http://www.ccs.neu.edu/people/faculty/ahmed/
53. http://www.ccs.neu.edu/people/faculty/aslam/
54. http://www.ccs.neu.edu/people/faculty/baclawski/
55. http://www.ccs.neu.edu/people/faculty/barabasi/
56. http://www.ccs.neu.edu/people/faculty/bickmore/
57. http://www.ccs.neu.edu/people/faculty/chan/
58. http://www.ccs.neu.edu/people/faculty/choffnes/
59. http://www.ccs.neu.edu/people/faculty/clinger/
60. http://www.ccs.neu.edu/people/faculty/cooperman/
61. http://www.ccs.neu.edu/people/faculty/desnoyers/
62. http://www.ccs.neu.edu/people/faculty/fell/
63. http://www.ccs.neu.edu/people/faculty/felleisen/
64. http://www.ccs.neu.edu/people/faculty/finkelstein/
65. http://www.ccs.neu.edu/people/faculty/fu/
66. http://www.ccs.neu.edu/people/faculty/goodwin/
67. http://www.ccs.neu.edu/people/faculty/intille/
68. http://www.ccs.neu.edu/people/faculty/jimison-2/
69. http://www.ccs.neu.edu/people/faculty/kirda/
70. http://www.ccs.neu.edu/people/faculty/lazer/
71. http://www.ccs.neu.edu/people/faculty/lieberherr/
72. http://www.ccs.neu.edu/people/faculty/manolios/
73. http://www.ccs.neu.edu/people/faculty/mislove/
74. http://www.ccs.neu.edu/people/faculty/noubir/
75. http://www.ccs.neu.edu/people/faculty/parker/
76. http://www.ccs.neu.edu/people/faculty/patel/
77. http://www.ccs.neu.edu/people/faculty/pavel-2/
78. http://www.ccs.neu.edu/people/faculty/platt/
79. http://www.ccs.neu.edu/people/faculty/proulx/
80. http://www.ccs.neu.edu/people/faculty/rajaraman/
81. http://www.ccs.neu.edu/people/faculty/rasala/
82. http://www.ccs.neu.edu/people/faculty/riedewald/
83. http://www.ccs.neu.edu/people/faculty/riedl/
84. http://www.ccs.neu.edu/people/faculty/robertson/
85. http://www.ccs.neu.edu/people/faculty/seif-el-nasr/
86. http://www.ccs.neu.edu/people/faculty/shivers/
87. http://www.ccs.neu.edu/people/faculty/sliva/
88. http://www.ccs.neu.edu/people/faculty/smith-d/
89. http://www.ccs.neu.edu/people/faculty/smith-2/
90. http://www.ccs.neu.edu/people/faculty/sun/
91. http://www.ccs.neu.edu/people/faculty/sundaram/
92. http://www.ccs.neu.edu/people/faculty/vespignani/
93. http://www.ccs.neu.edu/people/faculty/viola/
94. http://www.ccs.neu.edu/people/faculty/vona/
95. http://www.ccs.neu.edu/people/faculty/wahl/
96. http://www.ccs.neu.edu/people/faculty/wand/
97. http://www.ccs.neu.edu/people/faculty/wichs/
98. http://www.ccs.neu.edu/people/faculty/wilson/
99. http://www.ccs.neu.edu/prospective-students/
100. http://www.ccs.neu.edu/news/events/