OUTPUT of cosSimScoresList values

cosSimScoresList[ 0 ] = (1, 0.0)

cosSimScoresList[ 1 ] = (3, 0.0)

cosSimScoresList[ 2 ] = (5, 0.018449706005844103)

cosSimScoresList[ 3 ] = (6, 0.06745398956153906)

cosSimScoresList[ 4 ] = (7, 0.006256225847793216)

type(rankCosSimList) = <type 'list'>

len(rankCosSimList) = 10

rankCosSimList[ 0 ] = (8, 0.16023614212688597)

rankCosSimList[ 1 ] = (10, 0.14117792847729882)

rankCosSimList[ 2 ] = (9, 0.12854297857825292)

rankCosSimList[ 3 ] = (11, 0.09916930913358309)

rankCosSimList[ 4 ] = (6, 0.06745398956153906)

runfile('C:/Users/derekc/Dropbox/\_\_cis833irtm/hw2/2019-spyder-from-scratch\_RANKING\_plus1.py', wdir='C:/Users/derekc/Dropbox/\_\_cis833irtm/hw2')

corpusLen[ 0 ] = 1680

fdistCorpus[ 0 ] = <FreqDist with 519 samples and 1680 outcomes>

fdistCorpusLen[ 0 ] = 519

freq\_word\_Corpus[ 0 ] =

0 1

211 number 42

26 shock 35

257 mach 30

365 layer 27

368 cone 23

.. ... ..

467 width 1

144 wind 1

241 womersley 1

97 work 1

74 zerolift 1

[519 rows x 2 columns]

fdistPerDoc[x].most\_common(10) =

[(u'number', 42), ('shock', 35), ('mach', 30), ('layer', 27), (u'cone', 23), ('heat', 23), (u'result', 21), (u'boundari', 21), ('transfer', 21), ('flow', 20)]

len(corpusClean) = 1

fdistCorpus = [FreqDist({u'number': 42, 'shock': 35, 'mach': 30, 'layer': 27, u'cone': 23, 'heat': 23, u'result': 21, u'boundari': 21, 'transfer': 21, 'flow': 20, ...})]

file\_names[0:6] = ['cranfield0111', 'cranfield0150', 'cranfield0156', 'cranfield0225', 'cranfield0400', 'cranfield0630']

len(file\_names) = 15

file\_idx[0:6] = [1, 2, 3, 4, 5, 6]

file\_zip = <itertools.izip object at 0x000000001466E388>

len(positings) = 519

DFfirst20 = {u'millisecond': 1, u'represent': 1, u'program': 1, 'concept': 1, u'entropi': 1, u'edg': 2, u'antisymmetr': 1, 'fay': 1, u'intermedi': 1, u'asymptot': 1, 'eckert': 1, 'wave': 4, 'tail': 1, u'correl': 1, u'ellipt': 2, u'ga': 1, u'volum': 1, u'depend': 1, 'downstream': 2, u'consider': 1}

type(df) = <type 'collections.defaultdict'>

len(df) = 519

QUERY TEST TEXT TO ENTER:

"queries.txt" Input

Q2 = has anyone investigated the effect of shock generated vorticity on heat transfer to a blunt body .

Input for <data-15> folder:

type(queries\_from\_file) = <type 'list'>

queries\_from\_file[0] = in practice, how close to reality are the assumptions that the flow in a hypersonic shock tube using nitrogen is non-viscous and in thermodynamic equilibrium .

queries\_from\_file[1:4] = []

queries\_from\_file[ 0 ] = in practice, how close to reality are the assumptions that the flow in a hypersonic shock tube using nitrogen is non-viscous and in thermodynamic equilibrium .

input = queries\_from\_file[1]

input = in practice, how close to reality are the assumptions that the flow in a hypersonic shock tube using nitrogen is non-viscous and in thermodynamic equilibrium .

qTexts = ['in practice, how close to reality are the assumptions that the flow in a hypersonic shock tube using nitrogen is non-viscous and in thermodynamic equilibrium . ']

DONE ASSIGNING DOCNUM TITLES AND TEXTS

-----END OF getQLines-----

qfdist = <FreqDist with 12 samples and 12 outcomes>

type(qfdist) = <class 'nltk.probability.FreqDist'>

qfdist.items() =

[(u'hyperson', 1), (u'viscou', 1), (u'practic', 1), (u'thermodynam', 1), ('tube', 1), ('shock', 1), ('flow', 1), (u'assumpt', 1), ('nitrogen', 1), ('close', 1), ('equilibrium', 1), (u'realiti', 1)]

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

fdistQ[ 0 ] = <FreqDist with 12 samples and 12 outcomes>

fdistQLen[ 0 ] = 12

freq\_word\_Q[ 0 ] =

[u'hyperson', 1]

freq\_word\_Qorpus[ 0 ] =

0 1

7 assumpt 1

9 close 1

10 equilibrium 1

6 flow 1

0 hyperson 1

.. ... ..

11 realiti 1

5 shock 1

3 thermodynam 1

4 tube 1

1 viscou 1

[12 rows x 2 columns]

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

type(fdistQ) = <type 'list'>

type(freq\_word\_Q) = <type 'list'>

type(freq\_word\_Qorpus) = <type 'list'>

fdistQ = [FreqDist({u'hyperson': 1, u'viscou': 1, u'practic': 1, u'thermodynam': 1, 'tube': 1, 'shock': 1, 'flow': 1, u'assumpt': 1, 'nitrogen': 1, 'close': 1, ...})]

freq\_word\_Q = [[u'hyperson', 1], [u'viscou', 1], [u'practic', 1], [u'thermodynam', 1], ['tube', 1], ['shock', 1], ['flow', 1], [u'assumpt', 1], ['nitrogen', 1], ['close', 1], ['equilibrium', 1], [u'realiti', 1]]

freq\_word\_Qorpus =

[ 0 1

7 assumpt 1

9 close 1

10 equilibrium 1

6 flow 1

0 hyperson 1

.. ... ..

11 realiti 1

5 shock 1

3 thermodynam 1

4 tube 1

1 viscou 1

[12 rows x 2 columns]]

freq\_word\_Q[:] =

[[u'hyperson', 1], [u'viscou', 1], [u'practic', 1], [u'thermodynam', 1], ['tube', 1], ['shock', 1], ['flow', 1], [u'assumpt', 1], ['nitrogen', 1], ['close', 1], ['equilibrium', 1], [u'realiti', 1]]

type(freq\_word\_Q) = <type 'list'>

qClean0 =

[u'practic', 'close', u'realiti', u'assumpt', 'flow', u'hyperson', 'shock', 'tube', 'nitrogen', u'viscou', u'thermodynam', 'equilibrium']

type(qClean0) = <type 'str'>

q\_tuple\_words = (u'hyperson', u'viscou', u'practic', u'thermodynam', 'tube', 'shock', 'flow', u'assumpt', 'nitrogen', 'close', 'equilibrium', u'realiti')

q\_tuple\_freq\_i = (1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1)

fdistCorpus = [FreqDist({u'number': 42, 'shock': 35, 'mach': 30, 'layer': 27, u'cone': 23, 'heat': 23, u'result': 21, u'boundari': 21, 'transfer': 21, 'flow': 20, ...})]

qVecLen = 6.20892070774

OUTPUT of cosSimScoresList values

cosSimScoresList[ 0 ] = (1, 0.0)

cosSimScoresList[ 1 ] = (3, 0.0)

cosSimScoresList[ 2 ] = (5, 0.018449706005844103)

cosSimScoresList[ 3 ] = (6, 0.06745398956153906)

cosSimScoresList[ 4 ] = (7, 0.006256225847793216)

type(rankCosSimList) = <type 'list'>

len(rankCosSimList) = 10

rankCosSimList[ 0 ] = (8, 0.16023614212688597)

rankCosSimList[ 1 ] = (10, 0.14117792847729882)

rankCosSimList[ 2 ] = (9, 0.12854297857825292)

rankCosSimList[ 3 ] = (11, 0.09916930913358309)

rankCosSimList[ 4 ] = (6, 0.06745398956153906)

OUTPUT of cosSimScoresList values

cosSimScoresList[ 0 ] = (1, 0.0)

cosSimScoresList[ 1 ] = (3, 0.0)

cosSimScoresList[ 2 ] = (5, 0.018449706005844103)

cosSimScoresList[ 3 ] = (6, 0.06745398956153906)

cosSimScoresList[ 4 ] = (7, 0.006256225847793216)

cosSimScoresList[ 0 ] = (1, 0.0)

cosSimScoresList[ 1 ] = (3, 0.0)

cosSimScoresList[ 2 ] = (5, 0.018449706005844103)

cosSimScoresList[ 3 ] = (6, 0.06745398956153906)

cosSimScoresList[ 4 ] = (7, 0.006256225847793216)

cosSimScoresList[ 5 ] = (8, 0.16023614212688597)

cosSimScoresList[ 6 ] = (9, 0.12854297857825292)

cosSimScoresList[ 7 ] = (10, 0.14117792847729882)

cosSimScoresList[ 8 ] = (11, 0.09916930913358309)

cosSimScoresList[ 9 ] = (12, 0.0)

type(rankCosSimList) = <type 'list'>

len(rankCosSimList) = 10

rankCosSimList[ 0 ] = (8, 0.16023614212688597)

rankCosSimList[ 1 ] = (10, 0.14117792847729882)

rankCosSimList[ 2 ] = (9, 0.12854297857825292)

rankCosSimList[ 3 ] = (11, 0.09916930913358309)

rankCosSimList[ 4 ] = (6, 0.06745398956153906)

rankCosSimList[ 0 ] = (8, 0.16023614212688597)

rankCosSimList[ 1 ] = (10, 0.14117792847729882)

rankCosSimList[ 2 ] = (9, 0.12854297857825292)

rankCosSimList[ 3 ] = (11, 0.09916930913358309)

rankCosSimList[ 4 ] = (6, 0.06745398956153906)

rankCosSimList[ 5 ] = (5, 0.018449706005844103)

rankCosSimList[ 6 ] = (7, 0.006256225847793216)

rankCosSimList[ 7 ] = (1, 0.0)

rankCosSimList[ 8 ] = (3, 0.0)

rankCosSimList[ 9 ] = (12, 0.0)

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post\_word\_keys = [set([11, 12, 7]), set([9, 12, 5]), set([]), set([]), set([9, 10]), set([5, 7, 8, 9, 10, 11, 12]), set([1, 3, 5, 6, 7, 9, 11]), set([9, 7]), set([]), set([1, 5]), set([]), set([])]

sets = [set([11, 12, 7]), set([9, 12, 5]), set([]), set([]), set([9, 10]), set([5, 7, 8, 9, 10, 11, 12]), set([1, 3, 5, 6, 7, 9, 11]), set([9, 7]), set([]), set([1, 5]), set([]), set([])]

docid\_set = set([1, 3, 5, 6, 7, 8, 9, 10, 11, 12])

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

retDoc[ 1 ] = 1

retDoc[ 3 ] = 3

retDoc[ 5 ] = 5

retDoc[ 6 ] = 6

retDoc[ 7 ] = 7

retDoc[ 8 ] = 8

retDoc[ 9 ] = 9

retDoc[ 10 ] = 10

retDoc[ 11 ] = 11

retDoc[ 12 ] = 12

retDoc = set([1, 3, 5, 6, 7, 8, 9, 10, 11, 12])

zzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzz

OUTPUT of cosSimScoresList values

cosSimScoresList[ 0 ] = (2, 0.08579190714914271)

cosSimScoresList[ 1 ] = (4, 0.004460608395866064)

cosSimScoresList[ 2 ] = (6, 0.10514297840753244)

cosSimScoresList[ 3 ] = (7, 0.018449706005844103)

cosSimScoresList[ 4 ] = (8, 0.06745398956153906)

cosSimScoresList[ 0 ] = (2, 0.08579190714914271)

cosSimScoresList[ 1 ] = (4, 0.004460608395866064)

cosSimScoresList[ 2 ] = (6, 0.10514297840753244)

cosSimScoresList[ 3 ] = (7, 0.018449706005844103)

cosSimScoresList[ 4 ] = (8, 0.06745398956153906)

cosSimScoresList[ 5 ] = (9, 0.006256225847793216)

cosSimScoresList[ 6 ] = (10, 0.16023614212688597)

cosSimScoresList[ 7 ] = (11, 0.12854297857825292)

cosSimScoresList[ 8 ] = (12, 0.14117792847729882)

cosSimScoresList[ 9 ] = (13, 0.09916930913358309)

type(rankCosSimList) = <type 'list'>

len(rankCosSimList) = 10

rankCosSimList[ 0 ] = (10, 0.16023614212688597)

rankCosSimList[ 1 ] = (12, 0.14117792847729882)

rankCosSimList[ 2 ] = (11, 0.12854297857825292)

rankCosSimList[ 3 ] = (6, 0.10514297840753244)

rankCosSimList[ 4 ] = (13, 0.09916930913358309)

rankCosSimList[ 0 ] = (10, 0.16023614212688597)

rankCosSimList[ 1 ] = (12, 0.14117792847729882)

rankCosSimList[ 2 ] = (11, 0.12854297857825292)

rankCosSimList[ 3 ] = (6, 0.10514297840753244)

rankCosSimList[ 4 ] = (13, 0.09916930913358309)

rankCosSimList[ 5 ] = (2, 0.08579190714914271)

rankCosSimList[ 6 ] = (8, 0.06745398956153906)

rankCosSimList[ 7 ] = (7, 0.018449706005844103)

rankCosSimList[ 8 ] = (9, 0.006256225847793216)

rankCosSimList[ 9 ] = (4, 0.004460608395866064)

Q6

OUTPUT of cosSimScoresList values

cosSimScoresList[ 0 ] = (1, 0.03972376606249487)

cosSimScoresList[ 1 ] = (2, 0.057071307096228416)

cosSimScoresList[ 2 ] = (4, 0.025082516599825654)

cosSimScoresList[ 3 ] = (6, 0.12717512974789338)

cosSimScoresList[ 4 ] = (7, 0.20515826701164017)

type(rankCosSimList) = <type 'list'>

len(rankCosSimList) = 11

rankCosSimList[ 0 ] = (7, 0.20515826701164017)

rankCosSimList[ 1 ] = (6, 0.12717512974789338)

rankCosSimList[ 2 ] = (12, 0.06882954715178355)

rankCosSimList[ 3 ] = (14, 0.057765950317681655)

rankCosSimList[ 4 ] = (2, 0.057071307096228416)

OUTPUT of cosSimScoresList values

cosSimScoresList[ 0 ] = (1, 0.03972376606249487)

cosSimScoresList[ 1 ] = (2, 0.057071307096228416)

cosSimScoresList[ 2 ] = (4, 0.025082516599825654)

cosSimScoresList[ 3 ] = (6, 0.12717512974789338)

cosSimScoresList[ 4 ] = (7, 0.20515826701164017)

type(rankCosSimList) = <type 'list'>

len(rankCosSimList) = 11

rankCosSimList[ 0 ] = (7, 0.20515826701164017)

rankCosSimList[ 1 ] = (6, 0.12717512974789338)

rankCosSimList[ 2 ] = (12, 0.06882954715178355)

rankCosSimList[ 3 ] = (14, 0.057765950317681655)

rankCosSimList[ 4 ] = (2, 0.057071307096228416)

rankListPerQ[ 0 ] = (7, 0.20515826701164017)

rankListPerQ[ 1 ] = (6, 0.12717512974789338)

rankListPerQ[ 2 ] = (12, 0.06882954715178355)

rankListPerQ[ 3 ] = (14, 0.057765950317681655)

rankListPerQ[ 4 ] = (2, 0.057071307096228416)

//////////////////////////////////////////////////////////

output\_qid\_docid = [(1, 7), (1, 6), (1, 12), (1, 14), (1, 2), (1, 1), (1, 10), (1, 8), (1, 4), (1, 9), (1, 15)]

//////////////////////////////////////////////////////////

Q2

OUTPUT of cosSimScoresList values

cosSimScoresList[ 0 ] = (2, 0.019995459155317596)

cosSimScoresList[ 1 ] = (3, 0.01683139014534385)

cosSimScoresList[ 2 ] = (4, 0.0337335290517857)

cosSimScoresList[ 3 ] = (6, 0.07592873827055797)

cosSimScoresList[ 4 ] = (7, 0.18992042873343312)

type(rankCosSimList) = <type 'list'>

len(rankCosSimList) = 12

rankCosSimList[ 0 ] = (13, 0.31599128224987927)

rankCosSimList[ 1 ] = (8, 0.20718006491222904)

rankCosSimList[ 2 ] = (12, 0.2027888614874796)

rankCosSimList[ 3 ] = (7, 0.18992042873343312)

rankCosSimList[ 4 ] = (9, 0.14865817476885393)

OUTPUT of cosSimScoresList values

cosSimScoresList[ 0 ] = (2, 0.019995459155317596)

cosSimScoresList[ 1 ] = (3, 0.01683139014534385)

cosSimScoresList[ 2 ] = (4, 0.0337335290517857)

cosSimScoresList[ 3 ] = (6, 0.07592873827055797)

cosSimScoresList[ 4 ] = (7, 0.18992042873343312)

type(rankCosSimList) = <type 'list'>

len(rankCosSimList) = 12

rankCosSimList[ 0 ] = (13, 0.31599128224987927)

rankCosSimList[ 1 ] = (8, 0.20718006491222904)

rankCosSimList[ 2 ] = (12, 0.2027888614874796)

rankCosSimList[ 3 ] = (7, 0.18992042873343312)

rankCosSimList[ 4 ] = (9, 0.14865817476885393)

rankListPerQ[ 0 ] = (13, 0.31599128224987927)

rankListPerQ[ 1 ] = (8, 0.20718006491222904)

rankListPerQ[ 2 ] = (12, 0.2027888614874796)

rankListPerQ[ 3 ] = (7, 0.18992042873343312)

rankListPerQ[ 4 ] = (9, 0.14865817476885393)

//////////////////////////////////////////////////////////

output\_qid\_docid = [(1, 13), (1, 8), (1, 12), (1, 7), (1, 9), (1, 6), (1, 10), (1, 11), (1, 4), (1, 2), (1, 3), (1, 15)]

//////////////////////////////////////////////////////////

Q1

OUTPUT of cosSimScoresList values

cosSimScoresList[ 0 ] = (3, 0.041341943337189144)

cosSimScoresList[ 1 ] = (4, 0.04640230014235631)

cosSimScoresList[ 2 ] = (7, 0.2237130281585963)

cosSimScoresList[ 3 ] = (8, 0.022148172535910435)

cosSimScoresList[ 4 ] = (9, 0.06852132422349984)

type(rankCosSimList) = <type 'list'>

len(rankCosSimList) = 10

rankCosSimList[ 0 ] = (7, 0.2237130281585963)

rankCosSimList[ 1 ] = (10, 0.12344687807513793)

rankCosSimList[ 2 ] = (9, 0.06852132422349984)

rankCosSimList[ 3 ] = (11, 0.058464593490776075)

rankCosSimList[ 4 ] = (4, 0.04640230014235631)

OUTPUT of cosSimScoresList values

cosSimScoresList[ 0 ] = (3, 0.041341943337189144)

cosSimScoresList[ 1 ] = (4, 0.04640230014235631)

cosSimScoresList[ 2 ] = (7, 0.2237130281585963)

cosSimScoresList[ 3 ] = (8, 0.022148172535910435)

cosSimScoresList[ 4 ] = (9, 0.06852132422349984)

type(rankCosSimList) = <type 'list'>

len(rankCosSimList) = 10

rankCosSimList[ 0 ] = (7, 0.2237130281585963)

rankCosSimList[ 1 ] = (10, 0.12344687807513793)

rankCosSimList[ 2 ] = (9, 0.06852132422349984)

rankCosSimList[ 3 ] = (11, 0.058464593490776075)

rankCosSimList[ 4 ] = (4, 0.04640230014235631)

rankListPerQ[ 0 ] = (7, 0.2237130281585963)

rankListPerQ[ 1 ] = (10, 0.12344687807513793)

rankListPerQ[ 2 ] = (9, 0.06852132422349984)

rankListPerQ[ 3 ] = (11, 0.058464593490776075)

rankListPerQ[ 4 ] = (4, 0.04640230014235631)

//////////////////////////////////////////////////////////

output\_qid\_docid = [(1, 7), (1, 10), (1, 9), (1, 11), (1, 4), (1, 3), (1, 14), (1, 8), (1, 13), (1, 15)]

//////////////////////////////////////////////////////////

Q1Q2Q3

OUTPUT of cosSimScoresList values

cosSimScoresList[ 0 ] = (3, 0.041341943337189144)

cosSimScoresList[ 1 ] = (4, 0.04640230014235631)

cosSimScoresList[ 2 ] = (7, 0.2237130281585963)

cosSimScoresList[ 3 ] = (8, 0.022148172535910435)

cosSimScoresList[ 4 ] = (9, 0.06852132422349984)

type(rankCosSimList) = <type 'list'>

len(rankCosSimList) = 10

rankCosSimList[ 0 ] = (7, 0.2237130281585963)

rankCosSimList[ 1 ] = (10, 0.12344687807513793)

rankCosSimList[ 2 ] = (9, 0.06852132422349984)

rankCosSimList[ 3 ] = (11, 0.058464593490776075)

rankCosSimList[ 4 ] = (4, 0.04640230014235631)

rankListPerQ[ 0 ] = (7, 0.2237130281585963)

rankListPerQ[ 1 ] = (10, 0.12344687807513793)

rankListPerQ[ 2 ] = (9, 0.06852132422349984)

rankListPerQ[ 3 ] = (11, 0.058464593490776075)

rankListPerQ[ 4 ] = (4, 0.04640230014235631)

//////////////////////////////////////////////////////////

output\_qid\_docid = [(1, 7), (1, 10), (1, 9), (1, 11), (1, 4), (1, 3), (1, 14), (1, 8), (1, 13), (1, 15)]

OUTPUT of cosSimScoresList values

cosSimScoresList[ 0 ] = (2, 0.019995459155317596)

cosSimScoresList[ 1 ] = (3, 0.01683139014534385)

cosSimScoresList[ 2 ] = (4, 0.0337335290517857)

cosSimScoresList[ 3 ] = (6, 0.07592873827055797)

cosSimScoresList[ 4 ] = (7, 0.18992042873343312)

type(rankCosSimList) = <type 'list'>

len(rankCosSimList) = 12

rankCosSimList[ 0 ] = (13, 0.31599128224987927)

rankCosSimList[ 1 ] = (8, 0.20718006491222904)

rankCosSimList[ 2 ] = (12, 0.2027888614874796)

rankCosSimList[ 3 ] = (7, 0.18992042873343312)

rankCosSimList[ 4 ] = (9, 0.14865817476885393)

rankListPerQ[ 0 ] = (13, 0.31599128224987927)

rankListPerQ[ 1 ] = (8, 0.20718006491222904)

rankListPerQ[ 2 ] = (12, 0.2027888614874796)

rankListPerQ[ 3 ] = (7, 0.18992042873343312)

rankListPerQ[ 4 ] = (9, 0.14865817476885393)

//////////////////////////////////////////////////////////

output\_qid\_docid = [(1, 7), (1, 10), (1, 9), (1, 11), (1, 4), (1, 3), (1, 14), (1, 8), (1, 13), (1, 15), (2, 13), (2, 8), (2, 12), (2, 7), (2, 9), (2, 6), (2, 10), (2, 11), (2, 4), (2, 2), (2, 3), (2, 15)]

//////////////////////////////////////////////////////////

OUTPUT of cosSimScoresList values

cosSimScoresList[ 0 ] = (4, 0.026799866277800698)

cosSimScoresList[ 1 ] = (6, 0.06773316889812754)

cosSimScoresList[ 2 ] = (7, 0.20472948626806542)

cosSimScoresList[ 3 ] = (8, 0.1994653617440986)

cosSimScoresList[ 4 ] = (9, 0.15939368053933003)

type(rankCosSimList) = <type 'list'>

len(rankCosSimList) = 8

rankCosSimList[ 0 ] = (13, 0.32685744395235766)

rankCosSimList[ 1 ] = (12, 0.21326042350403546)

rankCosSimList[ 2 ] = (7, 0.20472948626806542)

rankCosSimList[ 3 ] = (8, 0.1994653617440986)

rankCosSimList[ 4 ] = (9, 0.15939368053933003)

rankListPerQ[ 0 ] = (13, 0.32685744395235766)

rankListPerQ[ 1 ] = (12, 0.21326042350403546)

rankListPerQ[ 2 ] = (7, 0.20472948626806542)

rankListPerQ[ 3 ] = (8, 0.1994653617440986)

rankListPerQ[ 4 ] = (9, 0.15939368053933003)

//////////////////////////////////////////////////////////

output\_qid\_docid = [(1, 7), (1, 10), (1, 9), (1, 11), (1, 4), (1, 3), (1, 14), (1, 8), (1, 13), (1, 15), (2, 13), (2, 8), (2, 12), (2, 7), (2, 9), (2, 6), (2, 10), (2, 11), (2, 4), (2, 2), (2, 3), (2, 15), (3, 13), (3, 12), (3, 7), (3, 8), (3, 9), (3, 6), (3, 4), (3, 10)]

//////////////////////////////////////////////////////////

Q1Q2Q3 for Cranfield

Output File:

def getQueries(dir\_path\_queries):

files\_queries = os.listdir(dir\_path\_queries)

for fq in files\_queries:

with open(dir\_path\_queries+'/'+os.path.basename(fq), 'r') as qfile:

queries\_from\_file = (qfile.read().splitlines())

return(queries\_from\_file)

with open('your\_file.txt', 'w') as f:

for item in my\_list:

f.write("%s\n" % item)

---------------------------

def sendToOutputFolder(dir\_path\_output):

return(???)