Output

Output:

Q1 :

Number of Sentences	:-	356
Number of Words	:-	5583

Q2 :

Number of Words starting with a vowel	:-	1474
Number of Words starting with a consonant	:-	3927

Q3 :

Number of valid mail-IDs = 13

1. blgardne@javelin.sim.es.com
2. monthly_733561501@javelin.sim.es.com
3. monthly_730969501@javelin.sim.es.com
4. green@East.Sun.COM
5. car377@druhi.att.com
6. server@cerritos.edu
7. Tanner@Cerritos.EDU
8. arnie@magnus.acs.ohio-state.edu
9. loki@Physics.McGill.CA
10. rm-reviews@ftp.physics.mcgill.ca
11. rm-reviews@physics.mcgill.ca
12. username@host.subdomain.domain
13. blaine_g@bix.com

Q4 :

Word which will be searched in file (case-insensitive)   =   i

1.   I mean like I like riding my Yuka-yuka Fudgeo-Jammer   11 but what the heck.
2.   I love my BMW!
3.   I mean   even Villy Ogle flamed me for that!
4.   I guess you had to be there.
5.   I wasn't.)
6.   I wanted to live a man's life, [Music slowly builds in background] riding Nortons and Triumphs through the highest mountain passes and the deepest valleys, living the life of a Motorcyclist; doing donuts and evading the police; terrorizing old ladies and raping small children; eating small dogs for tea (and large dogs for dinner).
7.   I ride my bike; I eat my lunch; I go to the lavat'ry.
8.   I ride real fast, My name is Chuck, It somehow seems to fit.
9.   I over-rate the worst bad f*ck, But like a real good sh*t. Oh, I'm a Denizen and I'm okay!
10.   I flame all night and I ride all day.
11.   I wear high heels And bright pink shorts, full leathers and a bra.
12.   I wish I rode a Harley, just like my dear mama.
13.   I want!"

Number of sentences which starts with entered word "i"   =   13

Q5 :

Word which will be searched in file (case-insensitive)   =   day

1.   Chuck [Sings to the tune of "The Lumberjack Song"]: I'm a Denizen and I'm okay, I flame all night and I ride all day.
2.   [Hell's Angels Echo Chorus, surprisingly heavy on tenors]: He's a Denizen and he's okay, He flames all night and he rides all day.
3.   I flame all night and I ride all day.
4.   ~Newsgroups: rec.motorcycles ~From: Arnie Skurow <arnie@magnus.acs.ohio-state.edu> ~Subject: A letter from the Motorcycle Heritage Museum ~Date: Mon, 13 Apr 1992 11:04:58 GMT I received the following letter from Jim Rogers, director of the Museum, the other day.

Number of sentences which ends with entered word "day"   =   4

Q6 :

Word which will be searched in file (case-insensitive)   =   3

1 times in the sentence -->
by John Sloan   DoD #11 The DoD Logo   by Chuck Rogers
DoD #3 The DoD (this started it all) by The Denizen of Doom   DoD #1 The DoD Anthem
               by Jonathan Quist   DoD #94 Why you have to be killed   by Blaine Gardner
DoD #46 The rec.moto.photo.archive   courtesy of Bruce Tanner DoD #161 Patches?

1 times in the sentence -->
They discuss motorcycles and   motorcycling, beverages, cleaning fluids, baklavah, balaclava, caltrops,   helmets, anti-fog shields, spine protectors, aerodynamics, three-angle valve seats, bird hits, deer whistles, good restaurants, racing philosophy, traffic laws, tickets, corrosion control, personalities, puns, double entendres, culture, absence of culture, first rides and friendship.

1 times in the sentence -->
He who would become the holder of DoD membership #3 thought this was the funniest thing he'd seen in a while (being the sort that is pretty easily amused), so he claimed membership in the Denizens of Doom Motorcycle Club, and started signing his postings with his membership number.

1 times in the sentence -->
For example, you can send: dir [dod] send [dod]bruce_tanner.gif send [dod]dodframe.ps and you'll get back 5 mail messages; a directory listing, 3 uuencoded parts of bruce_tanner.gif, and the dodframe.ps file in ASCII.

Total count of words   =   4
Number of sentences containing entered word   =   4

Q7 :

1.   Xref: cantaloupe.srv.cs.cmu.edu rec.motorcycles:102616 rec.motorcycles.dirt:3539 rec.motorcycles.harley:3023 rec.motorcycles.racing:1903 Path: cantaloupe.srv.cs.cmu.edu!das-news.harvard.edu!ogicse!uwm.edu!cs.utexas.edu!uunet!orca!javelin.sim.es.com!blgardne From: blgardne@javelin.sim.es.com (Dances With Bikers) Newsgroups: rec.motorcycles,rec.motorcycles.dirt,rec.motorcycles.harley,rec.motorcycles.racing Subject: FAQ - What is the DoD?

2.   : javelin.DoD.monthly_733561501 Expires: Sun, 30 May 1993 07:05:01 GMT Sender: blgardne@javelin.sim.es.com (Blaine Gardner) Reply-To: blgardne@javelin.sim.es.com Followup-To: rec.motorcycles Organization: Evans & Sutherland Computer Corporation Lines: 849 Supersedes: <DoD.monthly_730969501@javelin.sim.es.com> This is a periodic posting intended to answer the Frequently Asked Question: What is the DoD?

3.   -- Contents: How do I get a DoD number?

4.   by Blaine Gardner   DoD #46 DoD "Road Rider" article   by Bruce Tanner DoD #161 What is the DoD?

5.   by John Sloan   DoD #11 The DoD Logo   by Chuck Rogers   DoD #3 The DoD (this started it all) by The Denizen of Doom   DoD #1 The DoD Anthem   by Jonathan Quist   DoD #94 Why you have to be killed   by Blaine Gardner   DoD #46 The rec.moto.photo.archive   courtesy of Bruce Tanner DoD #161 Patches?

6.   What patches?

7.   by Blaine Gardner   DoD #46 Letter from the AMA museum   by Jim Rogers, Director DoD #395 The DoD Rules   by consensus Other rec.moto resources   by various Keepers   DoD #misc The rec.moto.reviews.archive   courtesy of Loki Jorgenson DoD #1210 Updated stats & rides info   by Ed Green (DoD #111) and others --   How do I get a DoD number?

8.   If the most Frequently Asked Question in rec.motorcycles is "What is the DoD?

9.   So provide some information for the list, will ya?

10.   This is one of those questions in the same class as "Why is the sky blue?

11.   and "Why do women inevitably tell you that you're such a nice guy just before they dump you?

12.   Where will it end?

13.   Who knows?

14.   Will the DoD start sanctioning races, placing limits on the memory and clock rate of the on-board engine management computers?

15.   Will the DoD organize poker runs where each participant collects a hand of hardware and software reference cards?

16.   Will the DoD have a rally in which the attendees demand a terminal room and at least a

386-sized UNIX system?

```
17.    ||      )-:          :-( O   |\___// \\___/ |   T   )-:          :-(      \   \_/   /    O
)-:         :-( F    \___    ___/        )-:          :-( L      \\   //    L   )-:          :-( A
\ vvvvv /      I  )-:          :-( M     | ( ) |     V   )-:          :-( E     | ^^^^^ |     E  )-:
:-( x      _____/     x   )-:             :-( x                x   )-:             :-( x
rec.motorcycles   x   )-:          :-(        USENET        )-:
```
--   The DoD   by the
Denizen of Doom   DoD #1   Welcome one and all to the flamingest, most wonderfullest newsgroup of all time: wreck.mudder-disciples or is it reak.mudder-disciples?

18.   Muck: I don't mean to preach, Terrible, but lighten up on the BMW   crowd eh?
19.   Terrible: Waddya going to do?
20.   Call in reinforcements???
21.   Let's see   what they say, eh?
22.   Terrible: B.T.???
23.   Terrible: What does BMW stand for anyway???
24.   Terrible: Hey, didn't you drop your BMW???
25.   Heritick: Heya Terrible, how's yer front to back bias?
26.   Terrible: Not bad, sold yer BMW?
27.   Buck: Nice tree Hooter, how'd ya get up there?
28.   Muck: What's a carbujector?
29.   Dill: Well, where do we race?
30.   Muck: Well, what about Mucho Guzlers and Lepurras?
31.   Muck: What about a Tridump?
32.   Terrible: Isn't that a chewing gum?
33.   Muck: Auggggg, Waddda about a Pluck-a-kity?
34.   Heritick: Heyya Muck, you tryin' to call up the demon rider himself?
35.   Muck: Why??
36.   : Wadddoes BMW stand for?
37.   : Oh, don't you mean BMW?
38.   Does this mean that all of the wreck.mudder-disciples will be riding mini-trikes?
39.   Are our arguing heros doomed?
40.   Sometime in the far distant past, a hapless newbie asked: "What does DoD stand for?
41.   -- Bruce Tanner   (213) 860-2451 x 596   Tanner@Cerritos.EDU Cerritos College Norwalk, CA   cerritos!tanner ** A couple of comments: Bruce has put quite a bit of effort into this, so why not drop him a note if you find the rec.moto.photo archive useful?
42.   --   Patches?
43.   What patches?

Number of questions in given file   =   43

Q8 :

07:05:04 --> 05 min 04 sec
07:05:01 --> 05 min 01 sec
11:04:58 --> 04 min 58 sec

Q9 :

FAQ
FAQ
ID
GMT
GMT
VERSION
AMA
CA
COM
PS
AMHF
AMA
AMA
MTV
VHS
UNIX
USENET
BMW
BMW
BMW
BMW
BMW
BMW
BMW
BMW
BMW
WE
KNOW

WE
KNOW
WE
KNOW
WE
KNOW
BMW
BMW
GOOD
BMW
BMW
BEAT
ME
WILHEM
BMW
NO
CDC
FAQ
FAQ
DIR
SEND
VMS
DOD
ASCII
EDU
CA
AMA
USENET
AMA
GMT
AMHF
FAQ
TXT
DOD
LIST
FAQ
TXT
CA
FTP
FTP
NOTE
NOTE
PLEASE

DO
FTP
RCR
NH
FL
GPNDG
SLC
BIX
SLC
BIX

```
shubham@inspiron-5590:~/Documents/IIIT DELHI/SEM 5/NLP/Assignments/NLP-A1$ py Assn1.py 20_newsgroups/rec.motorcycles/102616 | tee output.txt


Q1 :

Number of Sentences     :-        356
Number of Words         :-        5583



Q2 :

Number of Words starting with a vowel          :-        1474
Number of Words starting with a consonant      :-        3927



Q3 :

Number of valid mail-IDs =  13

1.      blgardne@javelin.sim.es.com
2.      monthly_733561501@javelin.sim.es.com
3.      monthly_730969501@javelin.sim.es.com
4.      green@East.Sun.COM
5.      car377@druhi.att.com
6.      server@cerritos.edu
7.      Tanner@Cerritos.EDU
8.      arnie@magnus.acs.ohio-state.edu
9.      loki@Physics.McGill.CA
10.     rm-reviews@ftp.physics.mcgill.ca
11.     rm-reviews@physics.mcgill.ca
12.     username@host.subdomain.domain
13.     blaine_g@bix.com
```

```
Q4 :

Enter a word : i

Word which will be searched in file (case-insensitive)  =        i

1.      I mean like I like riding my Yuka-yuka Fudgeo-Jammer     11 but what the heck.
2.      I love my BMW!
3.      I mean       even Villy Ogle flamed me for that!
4.      I guess you had to be there.
5.      I wasn't.)
6.      I wanted   to live a man's life, [Music slowly builds in background]  riding Nortons and Triumphs through the highest mountain passes  and the deepest valleys,
  living the life of a Motorcyclist;  doing donuts and evading the police;  terrorizing old ladies and raping small children;  eating small dogs for tea (and large dog
s for dinner).
7.      I ride my bike; I eat my lunch; I go to the lavat'ry.
8.      I ride real fast, My name is Chuck, It somehow seems to fit.
9.      I over-rate the worst bad f*ck, But like a real good sh*t.  Oh, I'm a Denizen and I'm okay!
10.     I flame all night and I ride all day.
11.     I wear high heels And bright pink shorts,  full leathers and a bra.
12.     I wish I rode a Harley,  just like my dear mama.
13.     I want!"

Number of sentences which starts with entered word "i"           =                      13


Q5 :

Enter a word : DaY

Word which will be searched in file (case-insensitive)  =        day

1.      Chuck [Sings to the tune of "The Lumberjack Song"]:  I'm a Denizen and I'm okay, I flame all night and I ride all day.
2.      [Hell's Angels Echo Chorus, surprisingly heavy on tenors]: He's a Denizen and he's okay, He flames all night and he rides all day.
3.      I flame all night and I ride all day.
4.      ~Newsgroups: rec.motorcycles ~From: Arnie Skurow <arnie@magnus.acs.ohio-state.edu> ~Subject: A letter from the Motorcycle Heritage Museum ~Date: Mon, 13 Apr 1
992 11:04:58 GMT  I received the following letter from Jim Rogers, director of the Museum, the other day.

Number of sentences which ends with entered word "day"           =                      4
```

```
Q6 :

Enter a word : thrEe

Word which will be searched in file (case-insensitive)  =         3

1 times in the sentence -->
by John Sloan           DoD #11 The DoD Logo                by Chuck Rogers         DoD #3 The DoD  (this started it all)   by The Denizen of Doom  DoD #1 The DoD
Anthem                  by Jonathan Quist       DoD #94 Why you have to be killed      by Blaine Gardner       DoD #46 The rec.moto.photo.archive      courtesy of Bru
ce Tanner DoD #161 Patches?


1 times in the sentence -->
They discuss motorcycles and   motorcycling, beverages, cleaning fluids, baklavah, balaclava, caltrops,   helmets, anti-fog shields, spine protectors, aerodynamics, th
ree-angle valve seats, bird hits, deer whistles, good restaurants, racing philosophy,  traffic laws, tickets, corrosion control, personalities, puns, double  entendres
, culture, absence of culture, first rides and friendship.


1 times in the sentence -->
He who would become the holder of DoD membership #3 thought this was the funniest thing he'd seen in a while (being the sort that is pretty easily amused), so he claim
ed membership in the Denizens of Doom Motorcycle Club, and started signing his postings with his membership number.


1 times in the sentence -->
For example, you can send:  dir [dod] send [dod]bruce_tanner.gif send [dod]dodframe.ps  and you'll get back 5 mail messages; a directory listing, 3 uuencoded parts of
bruce_tanner.gif, and the dodframe.ps file in ASCII.



Total count of words                    =         4
Number of sentences containing entered word    =          4
```

Output is long for further questions to take screen shot..