

Question 1

Nov 9 14:48

Tilix: nmmclennon@CIS106: ~

1: nmmclennon@CIS106: ~

```
nmmclennon@CIS106:~$ tac cereal.csv
</html>
</body>
</div>
<p><a href="https://www.iana.org/domains/example">More information...</a></p>
domain in literature without prior coordination or asking for permission.</p>
<p>This domain is for use in illustrative examples in documents. You may use this
<h1>Example Domain</h1>
<div>
<body>
</head>
</style>
}
}
width: auto;
margin: 0 auto;
div {
@media (max-width: 700px) {
}
text-decoration: none;
color: #38488f;
a:link, a:visited {
}
box-shadow: 2px 3px 7px 2px rgba(0,0,0,0.02);
border-radius: 0.5em;
background-color: #fdfdff;
padding: 2em;
margin: 5em auto;
width: 600px;
```

```
Nov 9 14:48
Tilix: nmmclennon@CIS106: ~
1: nmmclennon@CIS106: ~
nmmclennon@CIS106:~$ cat -nve cereal.csv
1 <!doctype html>$
2 <html>$
3 <head>$
4 <title>Example Domain</title>$
5 $
6 <meta charset="utf-8" />$
7 <meta http-equiv="Content-type" content="text/html; charset=utf-8" />$
8 <meta name="viewport" content="width=device-width, initial-scale=1" />$
9 <style type="text/css">$
10 body {$
11     background-color: #f0f0f2;$
12     margin: 0;$
13     padding: 0;$
14     font-family: -apple-system, system-ui, BlinkMacSystemFont, "Segoe UI", "Open Sans", "Helvetica Neue", Helvetica, Arial,
sans-serif;$
15 $
16 }$
17 div {$
18     width: 600px;$
19     margin: 5em auto;$
20     padding: 2em;$
21     background-color: #fdfdff;$
22     border-radius: 0.5em;$
23     box-shadow: 2px 3px 7px 2px rgba(0,0,0,0.02);$
24 }$
25 a:link, a:visited {$
26     color: #38488f;$
27     text-decoration: none;$
28 }$
```

```
nmmclennon@CIS106:~$ head -n 2 cereal.csv
<!doctype html>
<html>
nmmclennon@CIS106:~$ tail -n 2 cereal.csv
</body>
</html>
nmmclennon@CIS106:~$ |
```

Question 2

```
Nov 9 14:52
Tilix: nmmclennon@CIS106: ~

1: nmmclennon@CIS106: ~
nmmclennon@CIS106:~$ cut -d ',' -f 1 cars.csv
<!doctype html>
<html>
<head>
  <title>Example Domain</title>

  <meta charset="utf-8" />
  <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
  <meta name="viewport" content="width=device-width" />
  <style type="text/css">
    body {
      background-color: #f0f0f2;
      margin: 0;
      padding: 0;
      font-family: -apple-system
    }
    div {
      width: 600px;
      margin: 5em auto;
      padding: 2em;
      background-color: #fdfdff;
      border-radius: 0.5em;
      box-shadow: 2px 3px 7px 2px rgba(0
    }
    a:link {
      color: #38488f;
      text-decoration: none;
    }
  @media (max-width: 700px) {
```

```
Nov 9 14:53
Tilix: nmmclennon@CIS106: ~

1: nmmclennon@CIS106: ~
nmmclennon@CIS106:~$ cut -d ',' -f 1,3 cars.csv
<!doctype html>
<html>
<head>
  <title>Example Domain</title>

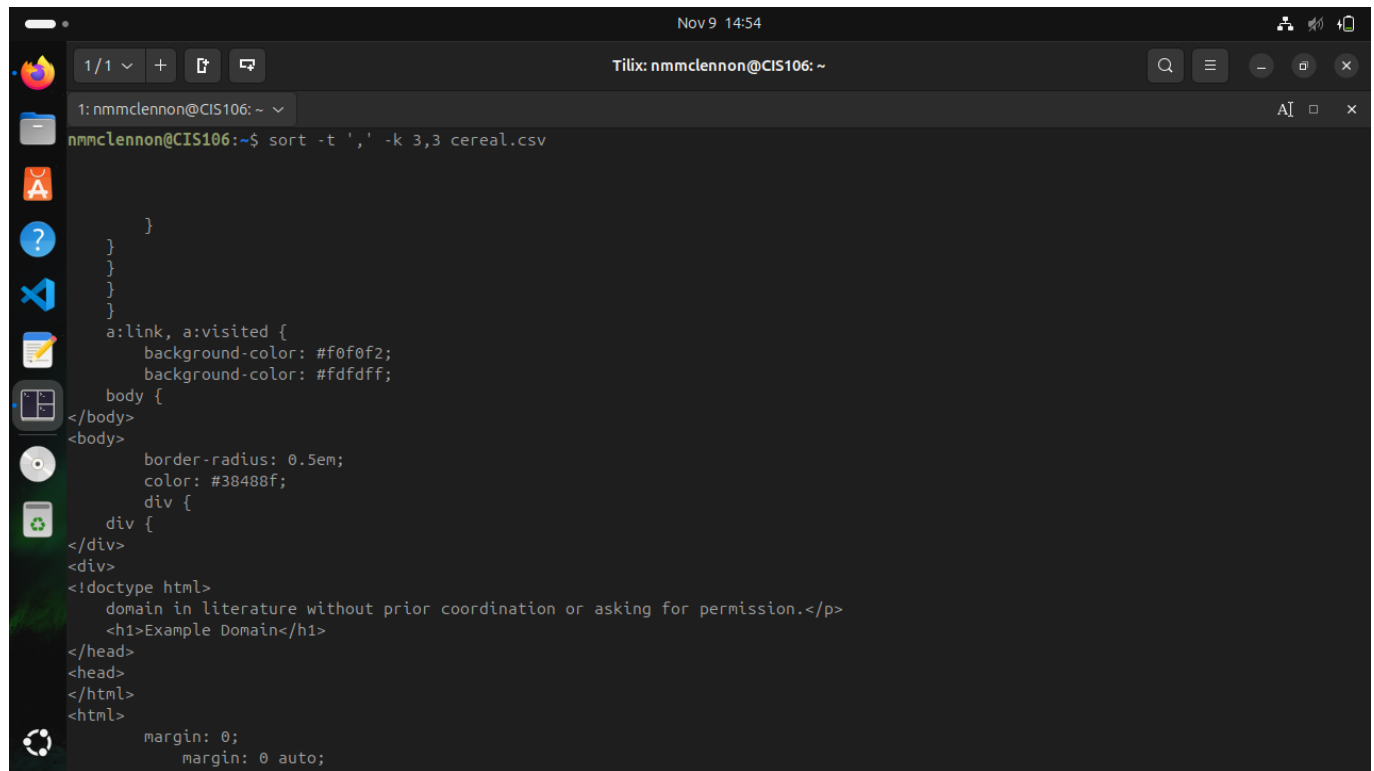
  <meta charset="utf-8" />
  <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
  <meta name="viewport" content="width=device-width" />
  <style type="text/css">
    body {
      background-color: #f0f0f2;
      margin: 0;
      padding: 0;
      font-family: -apple-system, BlinkMacSystemFont
    }
    div {
      width: 600px;
      margin: 5em auto;
      padding: 2em;
      background-color: #fdfdff;
      border-radius: 0.5em;
      box-shadow: 2px 3px 7px 2px rgba(0,0
    }
    a:link {
      color: #38488f;
      text-decoration: none;
    }
  @media (max-width: 700px) {
```

```
Nov 9 14:53
Tilix: nmmclennon@CIS106: ~
1/nmmclennon@CIS106: ~
nmmclennon@CIS106:~$ cut -d ',' -f 1,3 cars.csv | sed 's/,/ = /g'
<!doctype html>
<html>
<head>
  <title>Example Domain</title>

  <meta charset="utf-8" />
  <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
  <meta name="viewport" content="width=device-width" />
  <style type="text/css">
    body {
      background-color: #f0f0f2;
      margin: 0;
      padding: 0;
      font-family: -apple-system = BlinkMacSystemFont
    }
    div {
      width: 600px;
      margin: 5em auto;
      padding: 2em;
      background-color: #fdfdff;
      border-radius: 0.5em;
      box-shadow: 2px 3px 7px 2px rgba(0 = 0
    }
  a:link
    color: #38488f;
    text-decoration: none;
  }
  @media (max-width: 700px) {
```

```
Nov 9 14:54
Tilix: nmmclennon@CIS106: ~
1/nmmclennon@CIS106: ~
nmmclennon@CIS106:~$ sort cars.csv

  }
}
}
}
}
a:link, a:visited {
  background-color: #f0f0f2;
  background-color: #fdfdff;
}
body {
</body>
<body>
  border-radius: 0.5em;
  box-shadow: 2px 3px 7px 2px rgba(0,0,0,0.02);
  color: #38488f;
  div {
    div {
</div>
<div>
<!doctype html>
  domain in literature without prior coordination or asking for permission.</p>
  font-family: -apple-system, system-ui, BlinkMacSystemFont, "Segoe UI", "Open Sans", "Helvetica Neue", Helvetica, Arial, sans-ser
if;
  <h1>Example Domain</h1>
</head>
<head>
</html>
```



The image shows a terminal window titled "Tilix: nmmclennon@CIS106: ~". The terminal displays the command `sort -t ',' -k 3,3 cereal.csv` and its output, which is a CSS snippet. The output includes a closing curly brace `}`, a closing tag `</body>`, a `body` selector with `border-radius: 0.5em;` and `color: #38488f;`, a `div` selector, a `<div>` tag, a `<!doctype html>` declaration, a paragraph of text, an `<h1>` tag, a `</head>` tag, a `<html>` tag, and a `</html>` tag. The terminal window has a sidebar on the left with various icons and a top bar with window controls and a search icon.

```
1: nmmclennon@CIS106: ~  
nmmclennon@CIS106:~$ sort -t ',' -k 3,3 cereal.csv  
  
    }  
  }  
}  
}  
a:link, a:visited {  
  background-color: #f0f0f2;  
  background-color: #fdfdff;  
  body {  
</body>  
<body>  
  border-radius: 0.5em;  
  color: #38488f;  
  div {  
    div {  
</div>  
<div>  
<!doctype html>  
  domain in literature without prior coordination or asking for permission.</p>  
  <h1>Example Domain</h1>  
</head>  
<head>  
</html>  
<html>  
  margin: 0;  
  margin: 0 auto;
```

Question 3

```
Nov 9 15:01
Tilix: nmmclennon@CIS106: ~
1/1 + [ [
Tilix: nmmclennon@CIS106: ~
1: nmmclennon@CIS106: ~
nmmclennon@CIS106:~$ grep "War" war-and-peace.txt
The Project Gutenberg eBook of War and Peace, by Leo Tolstoy
Title: War and Peace
the Minister of War."
in to the Minister of War. Five minutes later he returned and bowing
corridor to the cabinet where the Minister of War was at work. The
narrowed disdainfully, he entered the room of the Minister of War with
interested the Minister of War less than any of the other matters he was
indifferent hands of the Minister of War and the polite adjutant. The
engagement and his reception by the Minister of War.
the Minister of War but also his Most August Majesty the Emperor and
invincibility of the French, and the Minister of War does not even care
to the Emperor Francis; he remembered the Minister of War, the polite
his own house. The Minister of War came up and congratulated him on the
That same night, having taken leave of the Minister of War, Bolkónski
Austrian Council of War at which Suvórov crowed like a cock in reply to
Warmed by the spring sunshine he sat in the calèche looking at the new
Minister of War, Count Arakchéev.
"He is Minister of War, a man trusted by the Emperor, and I need not
of War needlessly deviating."
War's anteroom).
which would take them to the Warsaw highroad, and from there they would
the good of that? War is my profession, but his business is to reign
the Minister of War and went to join the army in Moldavia. While in
of War; Count Bennigsen, the senior general in rank; the Grand Duke
without knowing why. War is not courtesy but the most horrible thing in
The Council of War began to assemble at two in the afternoon in the
than that. We took Vienna, Berlin, Madrid, Naples, Rome, Warsaw, all
"The path to Warsaw, perhaps," Prince Hippolyte remarked loudly and
had first wanted to effect a diversion in Greece and then in Warsaw but
nmmclennon@CIS106:~$ |
```

```
Nov 9 15:01
Tilix: nmmclennon@CIS106: ~
1/1 + [ [
Tilix: nmmclennon@CIS106: ~
1: nmmclennon@CIS106: ~
nmmclennon@CIS106:~$ grep -i "war" war-and-peace.txt
The Project Gutenberg eBook of War and Peace, by Leo Tolstoy
Title: War and Peace
*** START OF THE PROJECT GUTENBERG EBOOK WAR AND PEACE ***
WAR AND PEACE
Bonapartes. But I warn you, if you don't tell me that this means war,
things, but Austria never has wished, and does not wish, for war. She
Pávlovna's hand and for some reason drawing it downwards. "Arrange
to get himself killed. Tell me what this wretched war is for?" she
she moved toward Anna Pávlovna. Hélène was so lovely that not only
"You are off to the war, Prince?" said Anna Pávlovna.
* God has given it to me, let him who touches it beware!
more animated. "And believe me, they are reaping the reward of their
through his lorgnette, suddenly turned completely round toward the
Prince Andrew, who had evidently wished to tone down the awkwardness of
his kindly, simple, and modest expression. Anna Pávlovna turned toward
awkwardness or intentionally (no one could have said which) after the
to tell you. There is a war now against Napoleon. If it were a war for
wars," he said.
"Well, why are you going to the war?" asked Pierre.
wants to go to the war," replied Pierre, addressing the princess
without wars. How is it that we women don't want anything of the kind,
so to me? What have I done to you? You are going to the war and have no
he worked went step by step toward his goal. He was free, he had nothing
the enchanted circle I cannot escape from. I am now going to the war,
the greatest war there ever was, and I know nothing and am fit for
lad jumped awkwardly back into the room, tripping over his spurs.
present, suddenly pushed forward with a scared and angry look and wanted
Suddenly Dólokhov made a backward movement with his spine, and his arm
aware of a stir all around. He looked up: Dólokhov was standing on the
still in the drawing room, drew a chair toward him or her, and jauntily
bodice, with black curls tossed backward, thin bare arms, little legs
"But they say that war has been declared," replied the visitor.
said it, and they all felt awkward.
glass, smiled, and walked toward the other door. Natásha was about to
kept looking round toward the drawing room door. It opened and Nicholas
"All have secrets of their own," answered Natásha, getting warmer.
dear invalid?" said she, as though unaware of the cold offensive look
```

```
nmmclennon@CIS106:~$ grep -ic "war" war-and-peace.txt
1255
nmmclennon@CIS106:~$ |
```

```
Nov 9 15:03
Tilix: nmmclennon@CIS106: ~
1: nmmclennon@CIS106: ~
The Project Gutenberg eBook of War and Peace, by Leo Tolstoy
Title: War and Peace
*** START OF THE PROJECT GUTENBERG EBOOK WAR AND PEACE ***
WAR AND PEACE
Buonapartes. But I warn you, if you don't tell me that this means war,
things, but Austria never has wished, and does not wish, for war. She
to get himself killed. Tell me what this wretched war is for?" she
"You are off to the war, Prince?" said Anna Pávlovna.
to tell you. There is a war now against Napoleon. If it were a war for
"Well, why are you going to the war?" asked Pierre.
wants to go to the war," replied Pierre, addressing the princess
so to me? What have I done to you? You are going to the war and have no
the enchanted circle I cannot escape from. I am now going to the war,
the greatest war there ever was, and I know nothing and am fit for
"But they say that war has been declared," replied the visitor.
of the war that had been announced in a manifesto, and about the
sir, for shame! It would be better if you went to the war."
The colonel told them that the declaration of war had already appeared
heard that the war was being discussed had turned from his partner with
"It's all about the war," the count shouted down the table. "You
All Moscow talks of nothing but war. One of my two brothers is already
intends to expose his precious person to the chances of war. God grant
war has deprived me of one of the associations nearest my heart. I mean
however, for he will leave us again to take part in this unhappy war
war, even here amid fieldwork and the calm of nature—which townsfolk
consider characteristic of the country—rumors of war are heard
"So you are really going to the war, Andrew?" she said sighing.
of her neutrality and draw her into the war; how part of that army was
And the conversation again turned on the war, on Bonaparte, and the
A B C of war or of politics, and that Bonaparte was an insignificant
that there were no political difficulties in Europe and no real war,
and thoughtfully shaking his head. Did he fear going to the war, or was
friendly words to officers he had known in the Turkish war, sometimes
putting them down, when they're been put down, the war with Bonaparte
```

```
nmmclennon@CIS106:~$ grep -n "^peace" war-and-peace.txt
5542:peace. The old man was beside himself: moved the chair on which he was
20046:peace."
26471:peace." But however much they left her in peace she could not now be
33900:peace so long as a single armed enemy remained on Russian soil and told
34397:peace with you. As for the Swedes—it is their fate to be governed by
35057:peace nor war, neither an advance nor a defensive camp at the Drissa
36617:peace and the abolition of war, and secondly, by the fact that when he
44768:peaceful, and glorious fatherland, I should have proclaimed
51593:peace arising from consciousness of having stifled those personal dreams
58824:peace, he said: There can be no peace, for such is the people's will. He
59768:peaceful refuge where he could recover himself, rest, and think over
nmmclennon@CIS106:~$ |
```

```
Nov 9 15:04
Tilix: nmmclennon@CIS106: ~
1: nmmclennon@CIS106: ~
nmmclennon@CIS106:~$ grep -n "^The" war-and-peace.txt
972:The prince was silent and looked indifferent. But, with the womanly and
982:The prince bowed to signify his respect and gratitude.
1004:The prince answered nothing, but she looked at him significantly,
1081:The Abbé Morio and many others had also come.
1102:The young Princess Bolcónskaya had brought some work in a
1118:The little princess went round the table with quick, short, swaying
1221:The third group was gathered round Mortemart and Anna Pávlovna.
1223:The viconte was a nice-looking young man with soft features and polished
1240:The viconte bowed and smiled courteously in token of his willingness to
1251:The viconte wished to begin his story and gave a subtle smile.
1257:The princess smiled. She rose with the same unchanging smile with which
1279:The princess rested her bare round arm on a little table and considered
1289:The little princess had also left the tea table and followed Hélène.
1295:There was a general movement as the princess, smiling and talking
1332:The viconte told his tale very neatly. It was an anecdote, then current,
1340:The story was very pretty and interesting, especially at the point
1351:The viconte appreciated this silent praise and smiling gratefully
1483:The elderly lady was a Princess Drubetskáya, belonging to one of the
1605:The princess listened, smiling.
1677:The viconte merely shrugged his shoulders. Pierre looked solemnly at his
1756:The viconte who was meeting him for the first time saw clearly that
1897:The princess, picking up her dress, was taking her seat in the dark
1907:The postillon started, the carriage wheels rattled. Prince Hippolyte
2002:The rustle of a woman's dress was heard in the next room. Prince
2020:The princess started. Evidently Pierre's words touched her to the
2072:The princess blushed, and raised her arms with a gesture of despair.
2079:The princess said nothing, but suddenly her short downy lip quivered.
2139:The friends were silent. Neither cared to begin talking. Pierre
2145:They entered the elegant, newly decorated, and luxurious dining room.
2380:The bottle of rum was brought. The window frame which prevented anyone
2430:The Englishman nodded, but gave no indication whether he intended to
2503:The Englishman took out his purse and began counting out the money.
2520:They raised him by his arms, but he was so strong that everyone who
```

```
Nov 9 15:05
Tilix: nmmclennon@CIS106: ~
1: nmmclennon@CIS106: ~
nmmclennon@CIS106:~$ grep -i -w "love" *.txt
war-and-peace.txt:not love liberty and equality? Even our Saviour preached liberty and
war-and-peace.txt:and until you have ceased to love the woman of your choice and have seen
war-and-peace.txt:"And she's in love with Boris already. Just fancy!" said the
war-and-peace.txt:"Natasha," he said, "you know that I love you, but..."
war-and-peace.txt:"You are in love with me?" Natasha broke in.
war-and-peace.txt:It was pleasant and touching to see these little girls in love; but
war-and-peace.txt:"Ah, my love," answered Anna Mikháyllovna, "God grant you never
war-and-peace.txt:know what it is to be left a widow without means and with a son you love
war-and-peace.txt:kind relation. But, Nataly, you know my love for my son: I would do
war-and-peace.txt:with tender smiles was saying to Véra that love is not an earthly but
war-and-peace.txt:thirteen look at the boy they are in love with and have just kissed for
war-and-peace.txt:"It's all very well for you... I am not envious... I love you and
war-and-peace.txt:is my witness," and she made the sign of the cross, "I love her so
war-and-peace.txt:you cry, Sónya, dear love, darling Sónya!" and she kissed her and
war-and-peace.txt:of everything. One must think of the future, of all of you... I love you
war-and-peace.txt:Bourienne. I embrace you as I love you.
war-and-peace.txt:delight. So you still love me, my romantic Julie? Separation, of which
war-and-peace.txt:love, love of one's neighbor, love of one's enemy, is worthier,
war-and-peace.txt:laws of its divine Saviour, Who preached love and forgiveness of
war-and-peace.txt:of love and sadness. It was plain that she was following a train of
war-and-peace.txt:showed that, in spite of all his love and respect for his father, he was
war-and-peace.txt:"We don't love people so much for the good they have done us, as
war-and-peace.txt:to give you the love you do not feel, and your prayer would have been
war-and-peace.txt:brotherly love, wagged their heads in token of their mutual affection,
war-and-peace.txt:"You see, my friend," he said, "we sleep when we don't love. We
war-and-peace.txt:are children of the dust... but one falls in love and one is a God, one
war-and-peace.txt:the stretchers, and love of the sun and of life, all merged into one
war-and-peace.txt:is so fond of?" He remembered his mother's love for him, and his
war-and-peace.txt:in me. I have been told that her brother Anatole was in love with her
war-and-peace.txt:wife, how she would love him become quite different, and how all he had
war-and-peace.txt:but had never spoken to her of love. Now he felt that it was inevitable,
war-and-peace.txt:"It is too late now, it's done; besides I love her," thought
war-and-peace.txt:~$ * "I love you."
```



```
Nov 9 15:07
Tilix: nmmclennon@CIS106: ~
1: nmmclennon@CIS106: ~
nmmclennon@CIS106:~$ grep -n "\b[a-zA-Z]{3}d\b" *.txt
nmmclennon@CIS106:~$ grep -E "\bd[aeiou][a-z]{2}\b" *.txt
war-and-peace.txt:have frightened you-sit down and tell me all the news."
war-and-peace.txt:Pávlovna had had a cough for some days. She was, as she said, suffering
war-and-peace.txt:"First of all, dear friend, tell me how you are. Set your friend's
war-and-peace.txt:things, but Austria never has wished, and does not wish, for war. She
war-and-peace.txt:sent instead of our dear Wintzingerode you would have captured the King
war-and-peace.txt:wished both to rebuke him (for daring to speak as he had done of a man
war-and-peace.txt:"Listen, dear Annette," said the prince, suddenly taking Anna
war-and-peace.txt:with a sense of relief at having performed a vexatious duty and did not
war-and-peace.txt:delicate dark down was just perceptible, was too short for her teeth,
war-and-peace.txt:occasionally drew it down to meet the lower lip. As is always the case
war-and-peace.txt:carrying her burden so lightly. Old men and dull dispirited young ones
war-and-peace.txt:down on a sofa near the silver samovar, as if all she was doing was a
war-and-peace.txt:on a hot dish.
war-and-peace.txt:"Come over here, Hélène, dear," said Anna Pávlovna to the
war-and-peace.txt:back, and bosom—which in the fashion of those days were very much
war-and-peace.txt:merrily to everyone at once, sat down and gaily arranged herself in her
war-and-peace.txt:"It's not going to be a ghost story?" said he, sitting down beside
war-and-peace.txt:"Why no, my dear fellow," said the astonished narrator, shrugging
war-and-peace.txt:a dark-green dress coat, knee breeches of the color of cuisse de nymphe
war-and-peace.txt:"You must excuse me, dear Viconte," said Prince Vasili to the
war-and-peace.txt:Frenchman, holding him down by the sleeve in a friendly way to prevent
war-and-peace.txt:stood waiting by the door.
war-and-peace.txt:"My dear Anna Mikháylovna," said he with his usual familiarity and
war-and-peace.txt:"My dear benefactor! This is what I expected from you—I knew your
war-and-peace.txt:"No, but do promise! I won't let you go! My dear benefactor..."
war-and-peace.txt:Italian: "'Dio mi l'ha dato. Guai a chi la tocchi!'"
war-and-peace.txt:but hopeless: "The sovereigns, madame... What have they done for Louis
war-and-peace.txt:he is better acquainted than anyone else, does not listen to others but
war-and-peace.txt:responsibility of that deed."
war-and-peace.txt:were, "high-sounding words which have long been discredited. Who does
war-and-peace.txt:"But, my dear Monsieur Pierre," said she, "how do you explain the
war-and-peace.txt:Prince Andrew, who had evidently wished to tone down the awkwardness of

nmmclennon@CIS106:~$ grep -E "\b\w*a{2}\w*\b" dracula.txt
help me deck the room with my garlic, which is all the way from Haarlem,
Haarlem. To-night Dr. Van Helsing is going away, as he has to be for a
nmmclennon@CIS106:~$ |
```