Miguel Vicente Arará Luján

Scripting Languages - Assigments for the 2nd lab

Contenido

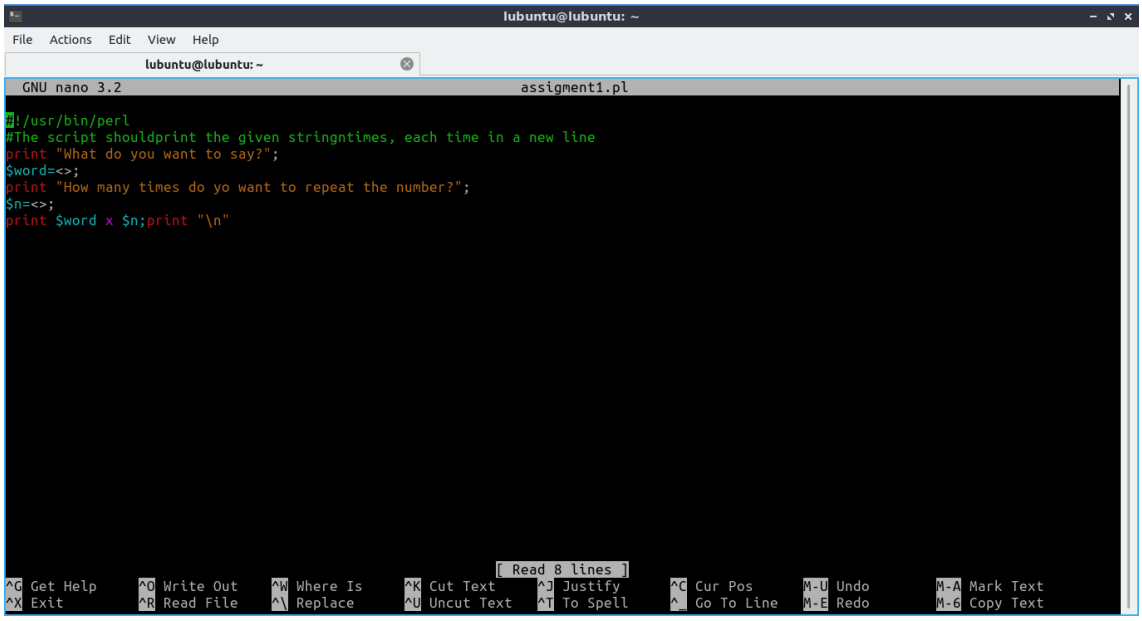
Introduction

I would like to start by commenting on how I have developed this practice. I have used a lubuntu image on a pendrive, to be able to carry out the exercises in a more optimal way. This operative system had inside perl language.

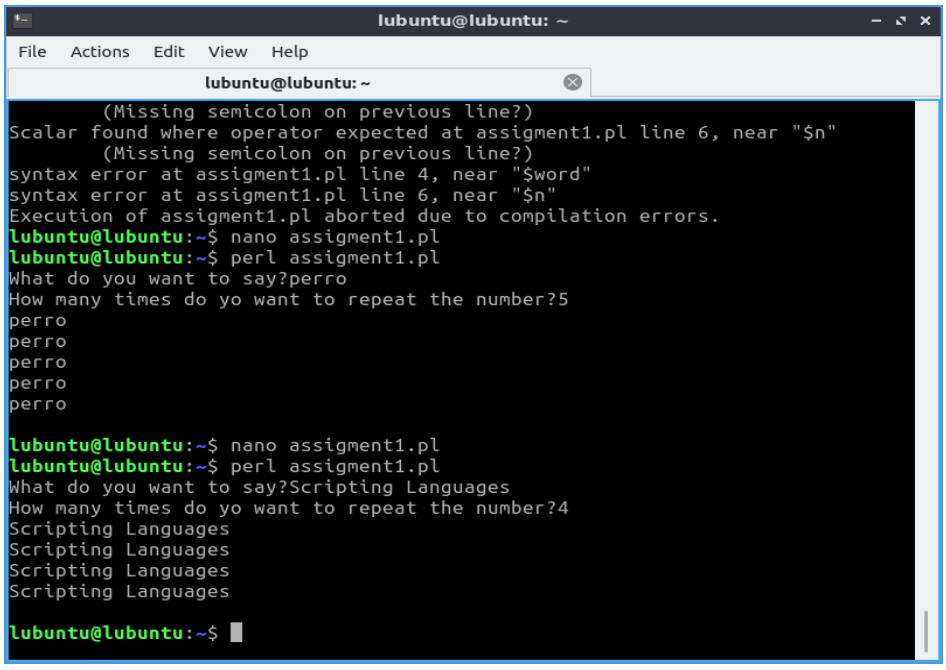
Next, I will include a series of screenshots to demonstrate the realization of these. I've comment the code of the program, but in addition, I will comment here for concrate some importants parts of my program codes.

Assigment 1

This is the code:

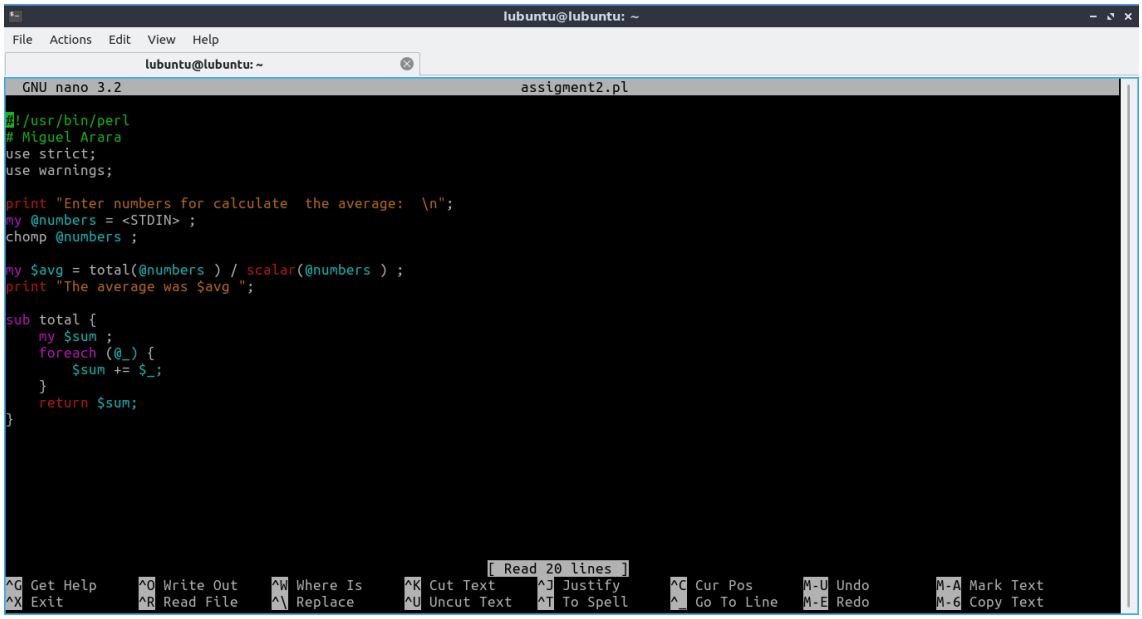


This is the assigment 1 result:

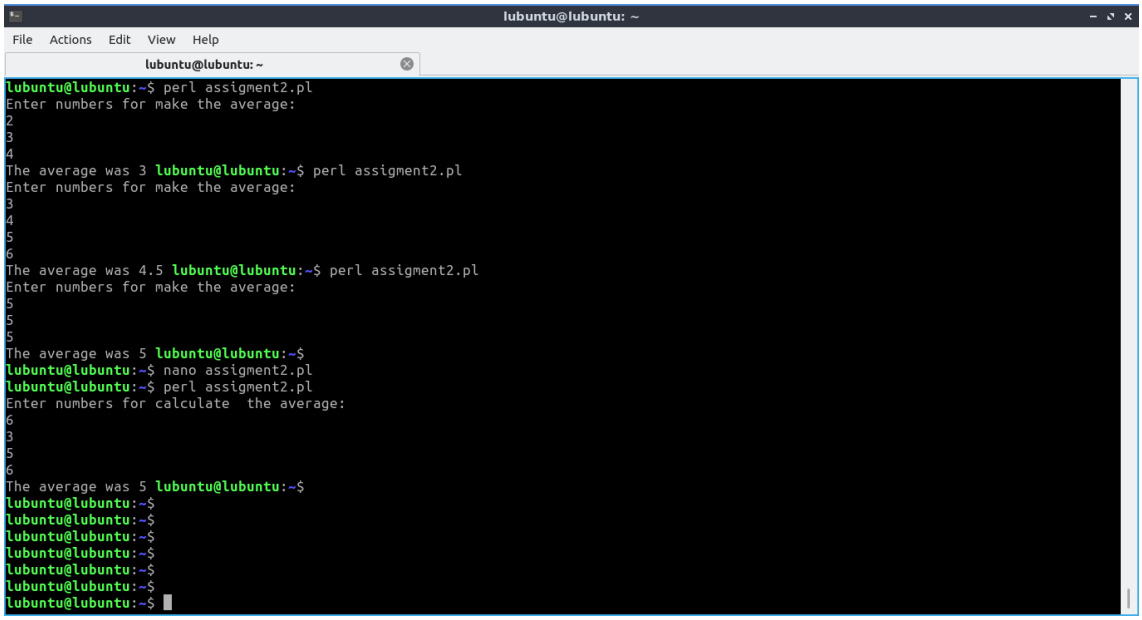


Assigment 2

This is the code:

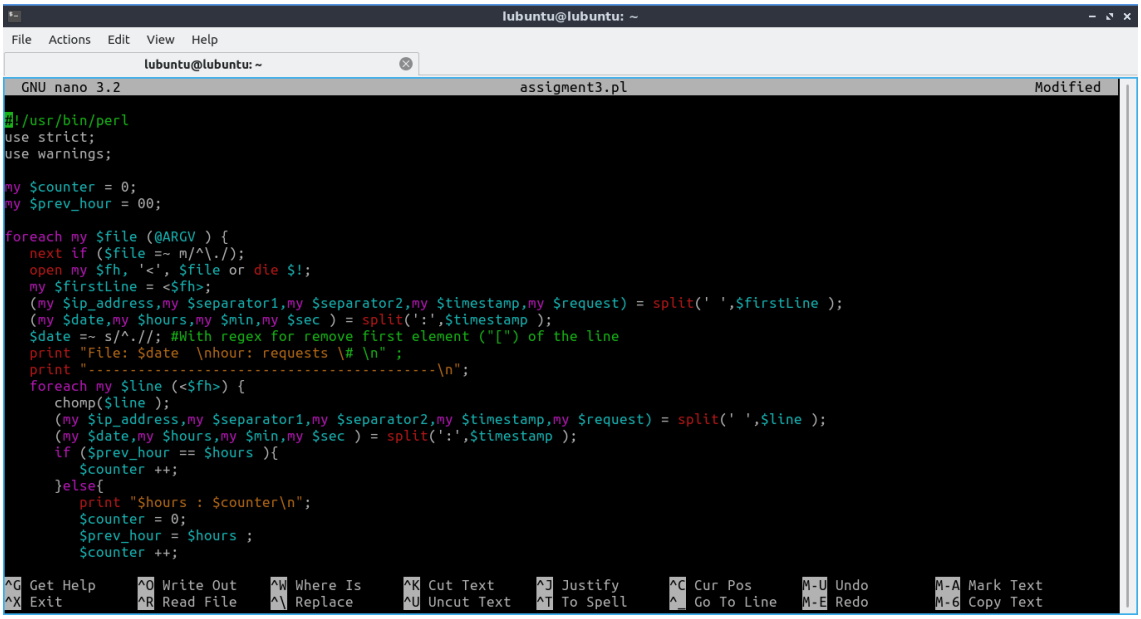


This is the assigment 2 result:

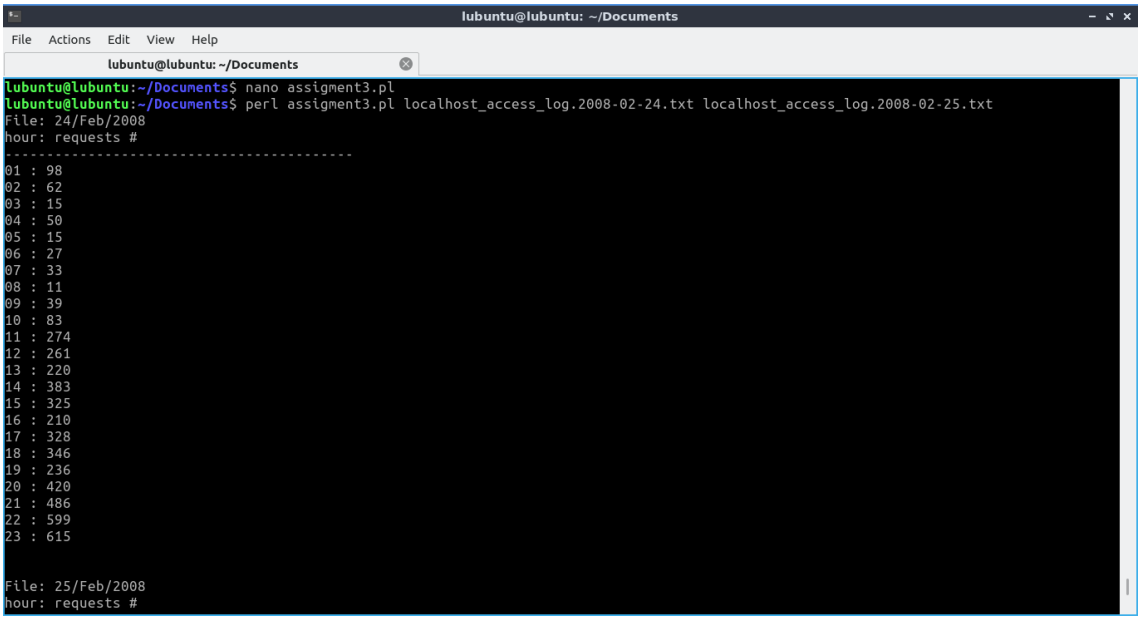


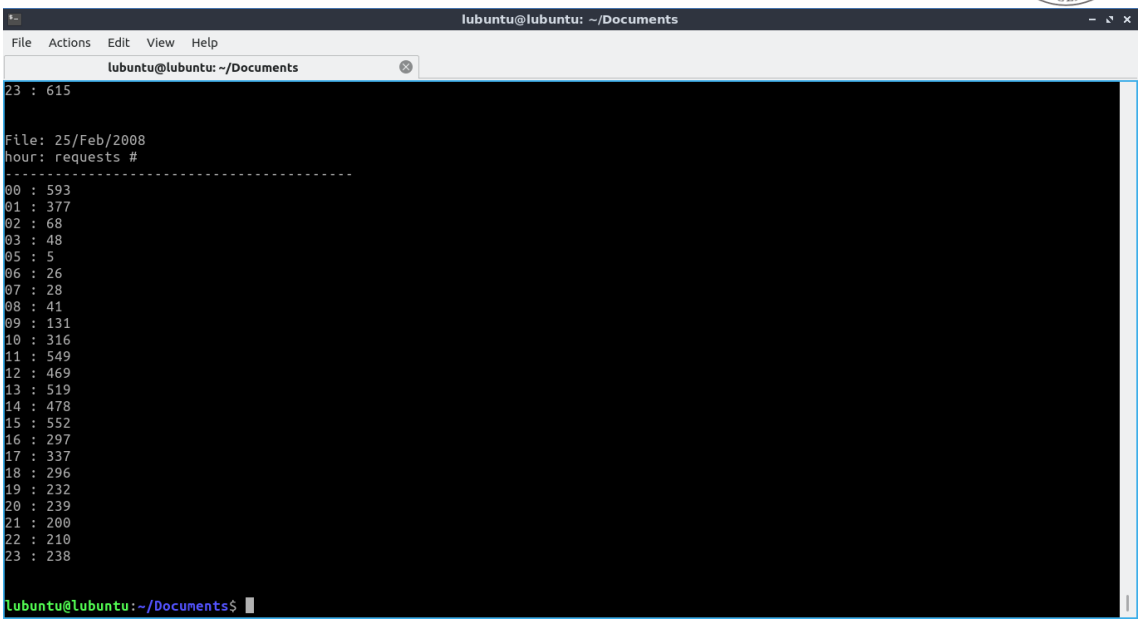
Assigment 3

This is the code (In the image doesn't appear the last 3 lines, but in the program .pl yes):



This is the assigment 3 result:





******from here I have made the decision not to put the code of the entire program of assigments. It was too large. The code is commented…***

Assigment 4

For start, these are the code lines if user doesn't put any file in command line argument:

```
my $file = $ARGV[0];
unless ($file) {
        print "Enter filename:\n";
        $file = <STDIN>;
        chomp $file;
    }
```

Probably, I could have divided this program, but I made it in a simple program

This is my table lab_submmited.csv (attached it in the .zip) :

JMBAG	Surname	Name	Laboratory	Submitted
36438919	Bagaric	Magdalena	2011-03-14 08:00 11:00 A209	14/03/2011 8:45
36433049	Bajac	Darko	2011-03-14 08:00 11:00 A209	14/03/2011 8:48
36436684	Lombarovic	Mladen	2011-03-14 11:00 14:00 A210	14/03/2011 12:08
36325839	Matosic	Luka	2011-03-14 11:00 14:00 A210	15/03/2011 11:49

This is the result:

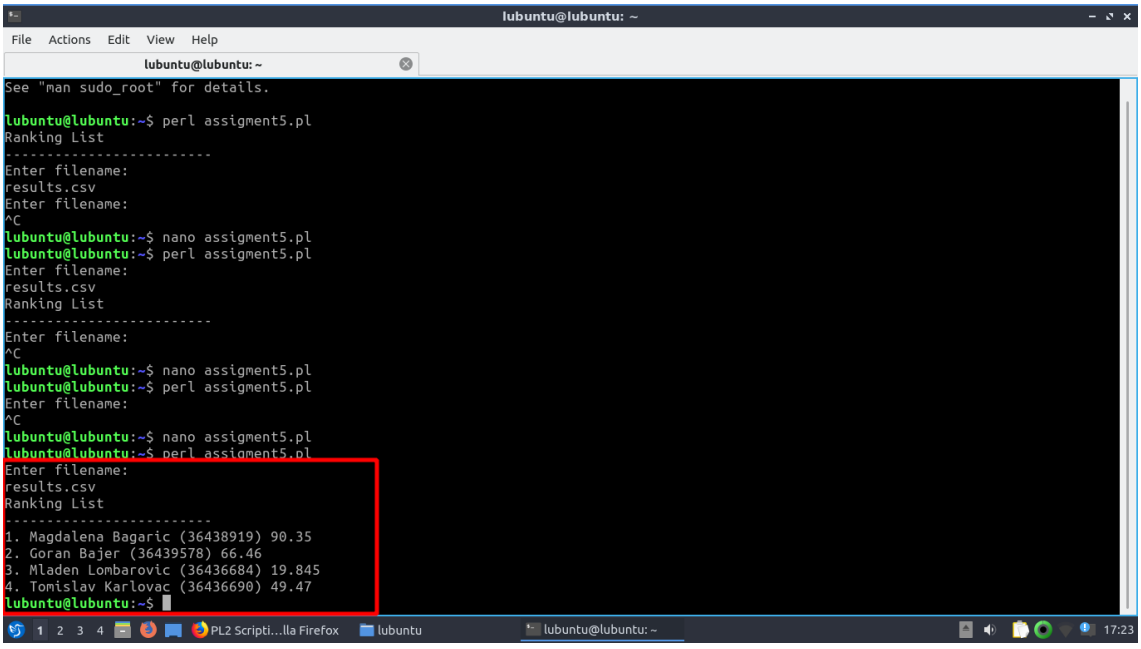
```
lubuntu@lubuntu:~$ nano assigment4.pl
lubuntu@lubuntu:~$ perl assigment4.pl lab_submitted.csv
syntax error at assigment4.pl line 45, near ") or"
syntax error at assigment4.pl line 49, near "}"
Execution of assigment4.pl aborted due to compilation errors.
lubuntu@lubuntu:~$ nano assigment4.pl
lubuntu@lubuntu:~$ perl assigment4.pl lab_submitted.csv
36436684 Lombarovic Mladen - PROBLEM 2011-03-14 11:00 -->2011-03-14  12:08:26
36325839 Matosic Luka - PROBLEM 2011-03-14 11:00 -->2011-03-15  11:49:26
lubuntu@lubuntu:~$ nano assigment4.pl
lubuntu@lubuntu:~$ nano assigment4.pl
lubuntu@lubuntu:~$ perl assigment4.pl lab_submitted.csv
36436684 Lombarovic Mladen - PROBLEM 2011-03-14 11:00 -->2011-03-14  12:08:26
36325839 Matosic Luka - PROBLEM 2011-03-14 11:00 -->2011-03-15  11:49:26
lubuntu@lubuntu:~$
```

Assigment 5

This is my table results.csv. I know that probably, is not the best organization for a table of Excel, but it was easier for processing the document in Perl:

component weights	0.15	0.2	0.3	0.1	0.1	0.1	0.05			
Student Result	36438919	Bagaric	Magdalena	91.5	90.75	88.25	100	87.5	87.5	90
	36439578	Bajer	Goran	64.4	72	64.75	72.5	76.25	50	62
	36436684	Lombarovic	Mladen	14.7	75.7	-	-	5	20	-
	36436690	Karlovac	Tomislav	67.8	90.4	-	80.5	73.4	33.3	50

Check the next image. When I don't put the file in line command argument , the program says me that enter a filename. Then with two subroutine, one for extract the components wieights, and the other for make the ranking.



Assigment 6

This is a capture of my .txt file:

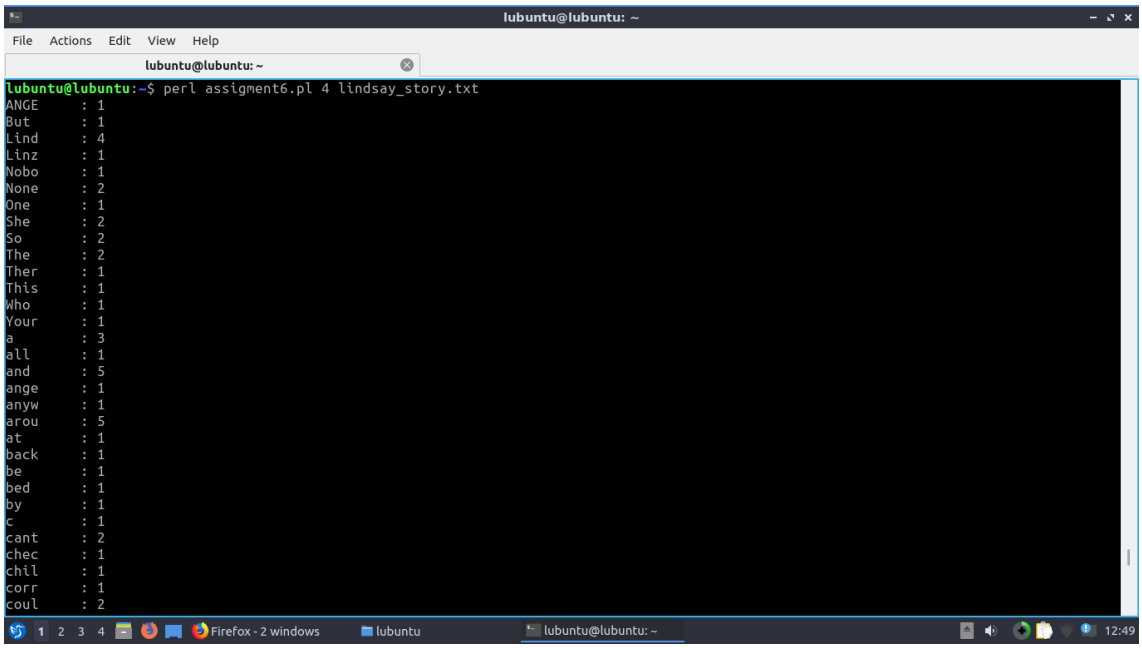
*lindsay_story.txt: Bloc de notas

Archivo Edición Formato Ver Ayuda

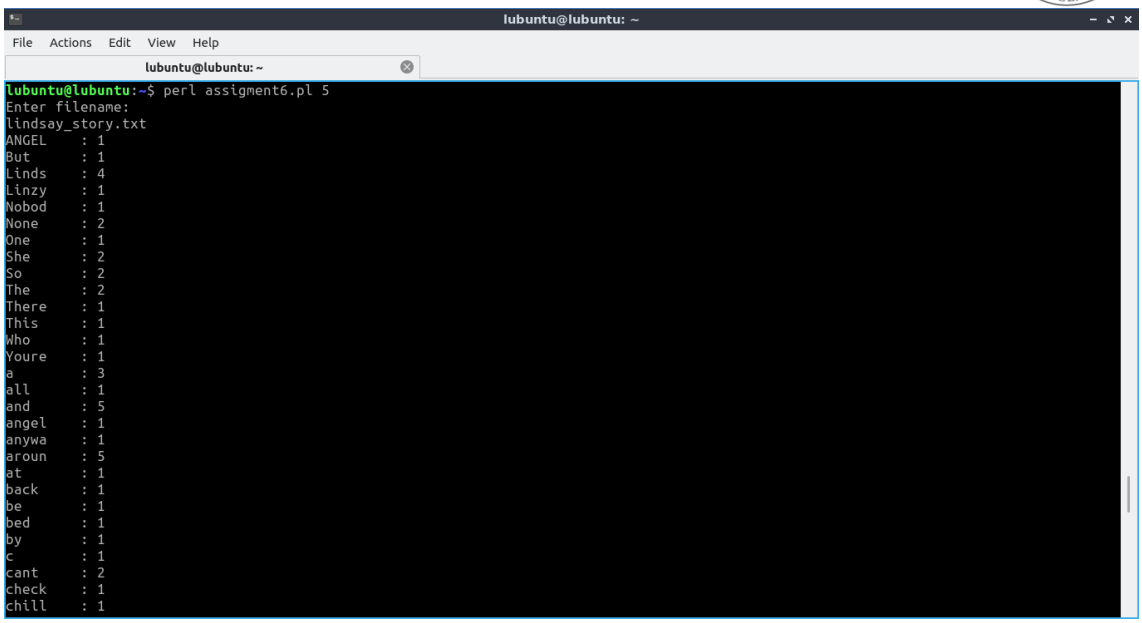
```
One night Lindsay was lounging around at home by herself, watching television,
when she received a text message on her phone: "Linzy i c u." The message was from a number she wasn't familiar
with. She knew since she was sitting in bed upstairs with the shades drawn,
that no one could see her. But she instinctively looked around anyway, and even peeked out the window.
Nobody was around.

Lindsay knew it wasn't a friend texting her. None of her friends texted like that, and they all knew how to spell.
None of them would have misspelled the word "angel." So Lindsay text back,
"You're no friend of mine if you can't spell my name right and you can't even spell the word ANGEL correctly."
The response was, "doesnt matter. r u havin fun watchin ur tv?" This gave her chills. Who could be watching her?
There was nobody around unless this person was in the house. So Lindsay ran around checking the doors and windows and the other rooms
, even the garage. She was definitely the only one home.
```

This is the result of assigment 6, passing the number that I want for a prefix lenght, 4 and the document:



This is the result passing number 5 as prexif lenght and then I don't put any file in the line command argument and then, the program says me enter the filename:


lubuntu@lubuntu: ~
File Actions Edit View Help
lubuntu@lubuntu: ~
lubuntu@lubuntu:~$ perl assigment6.pl 5
Enter filename:
lindsay_story.txt
ANGEL : 1
But : 1
Linds : 4
Linzy : 1
Nobod : 1
None : 2
One : 1
She : 2
So : 2
The : 2
There : 1
This : 1
Who : 1
Youre : 1
a : 3
all : 1
and : 5
angel : 1
anywa : 1
aroun : 5
at : 1
back : 1
be : 1
bed : 1
by : 1
c : 1
cant : 2
check : 1
chill : 1