Laboratory Report

Regular Expressions using grep, sed and awk

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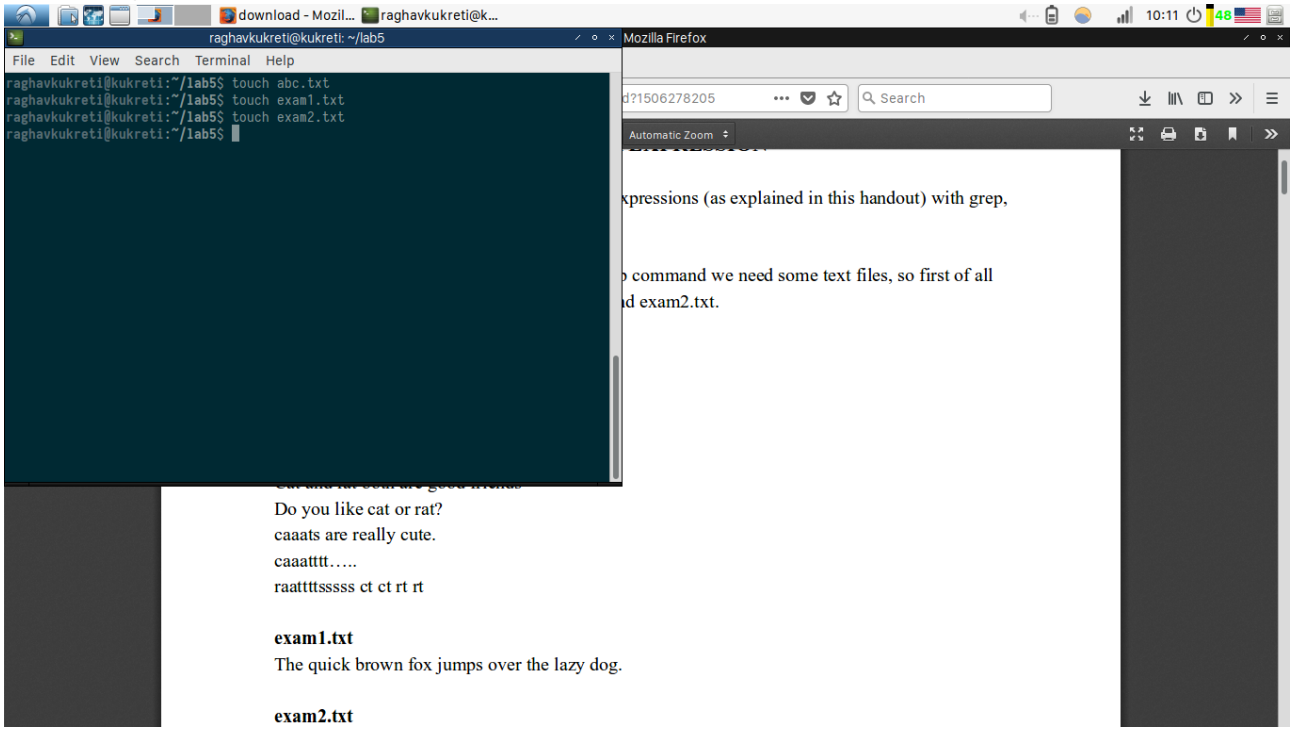
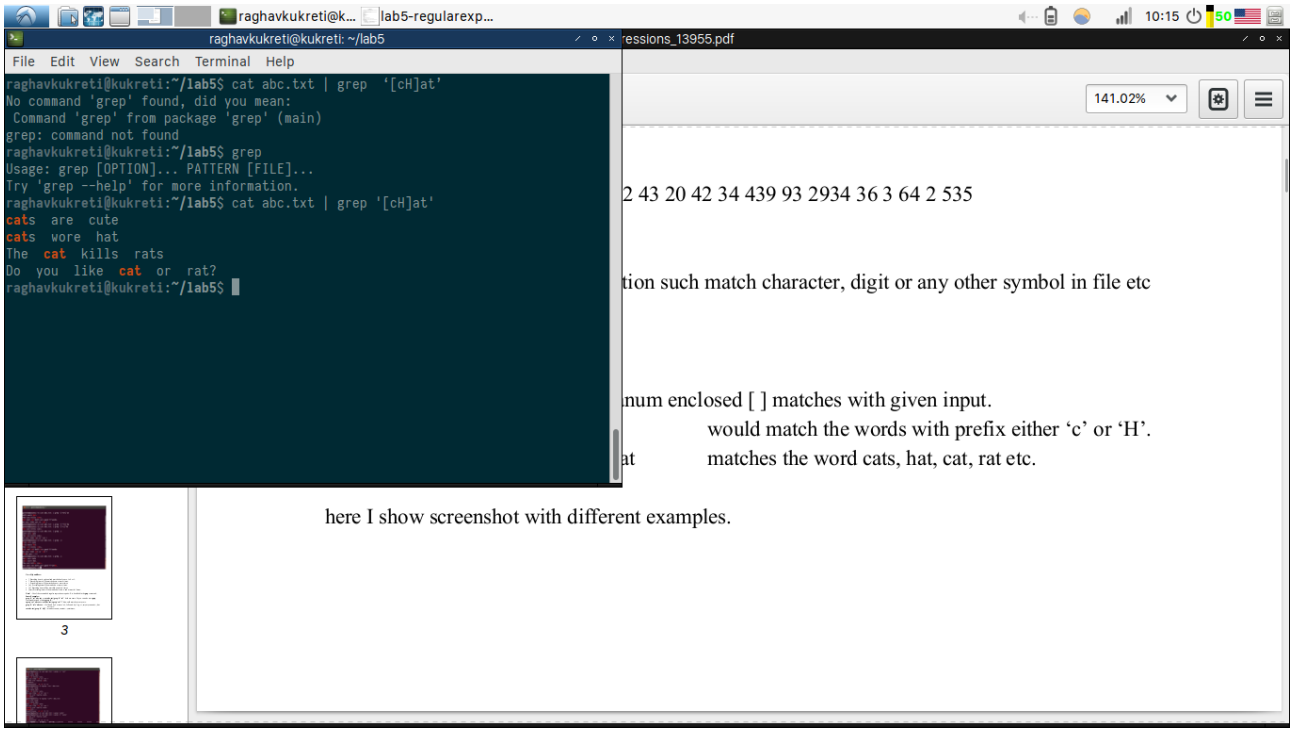
Group : B1

grep is a terminal command which allows us to do some sort of operation to match characters, digits, patterns, etc.

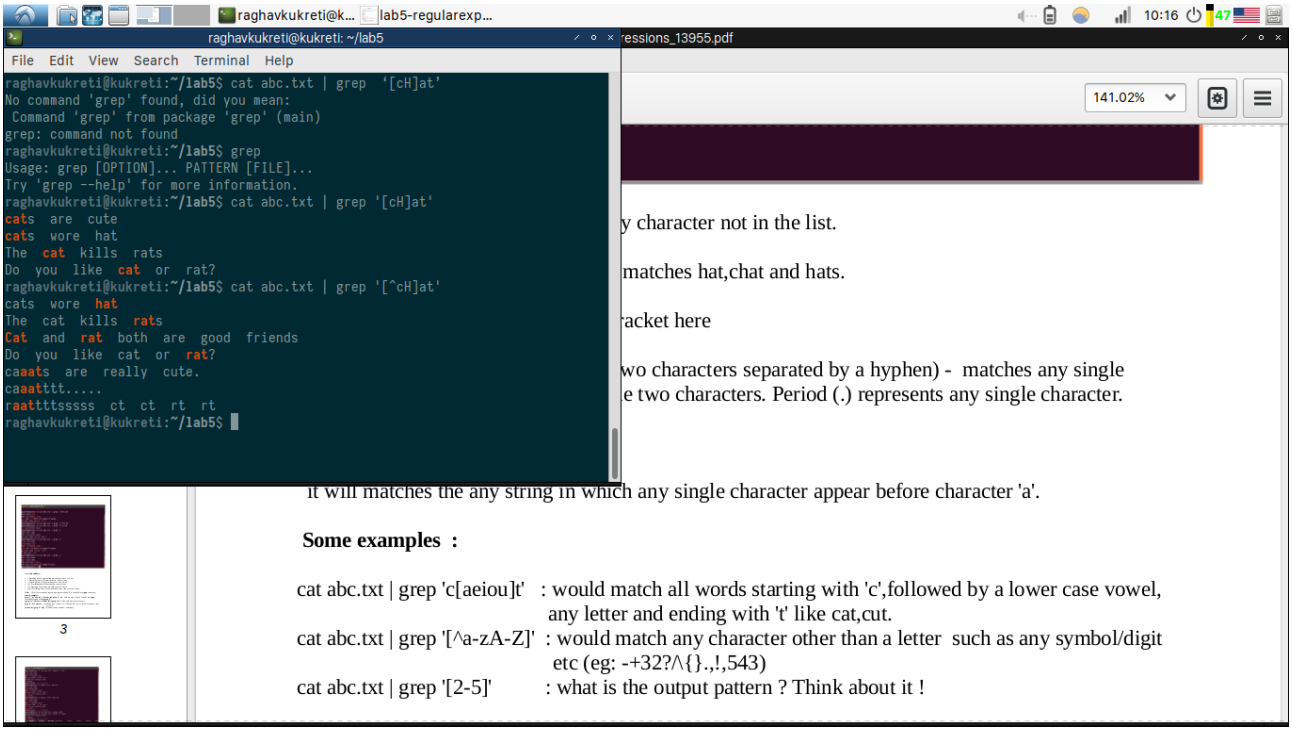
1. Creating all three files.



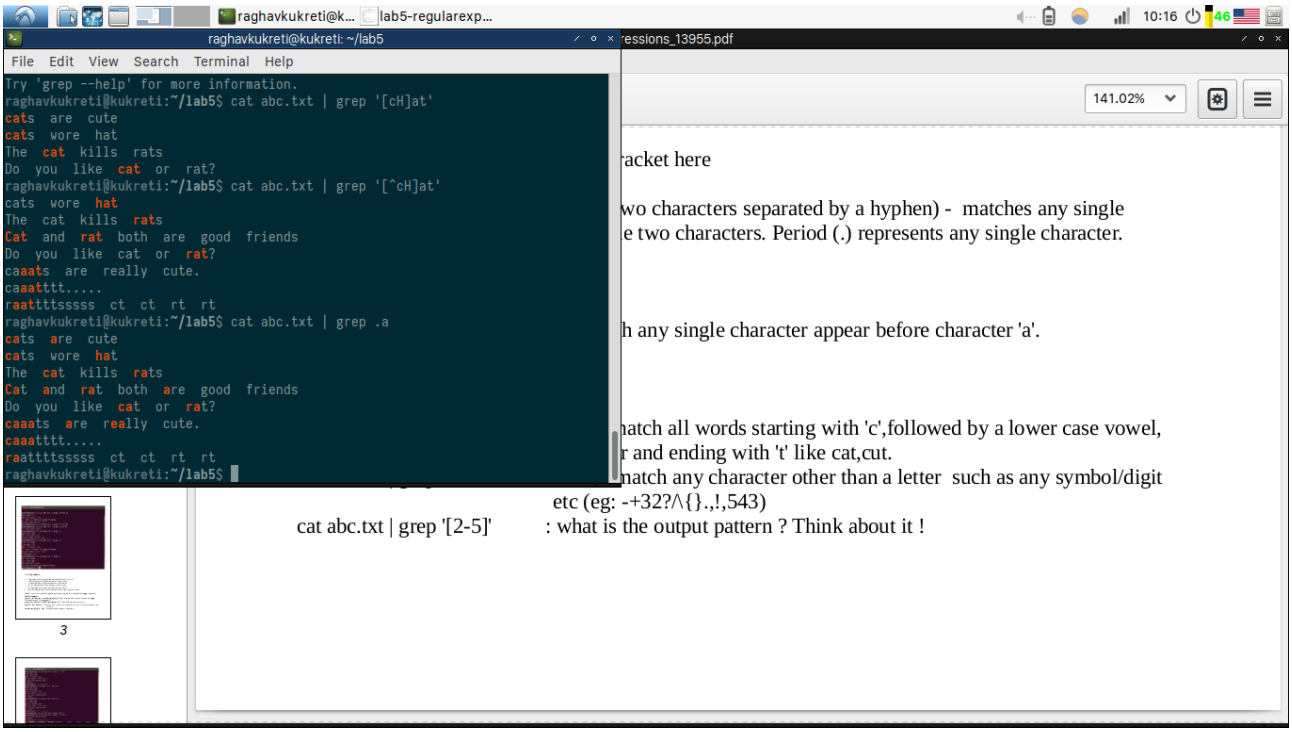
2. Matching words with prefix either ‘c’ or ‘H’



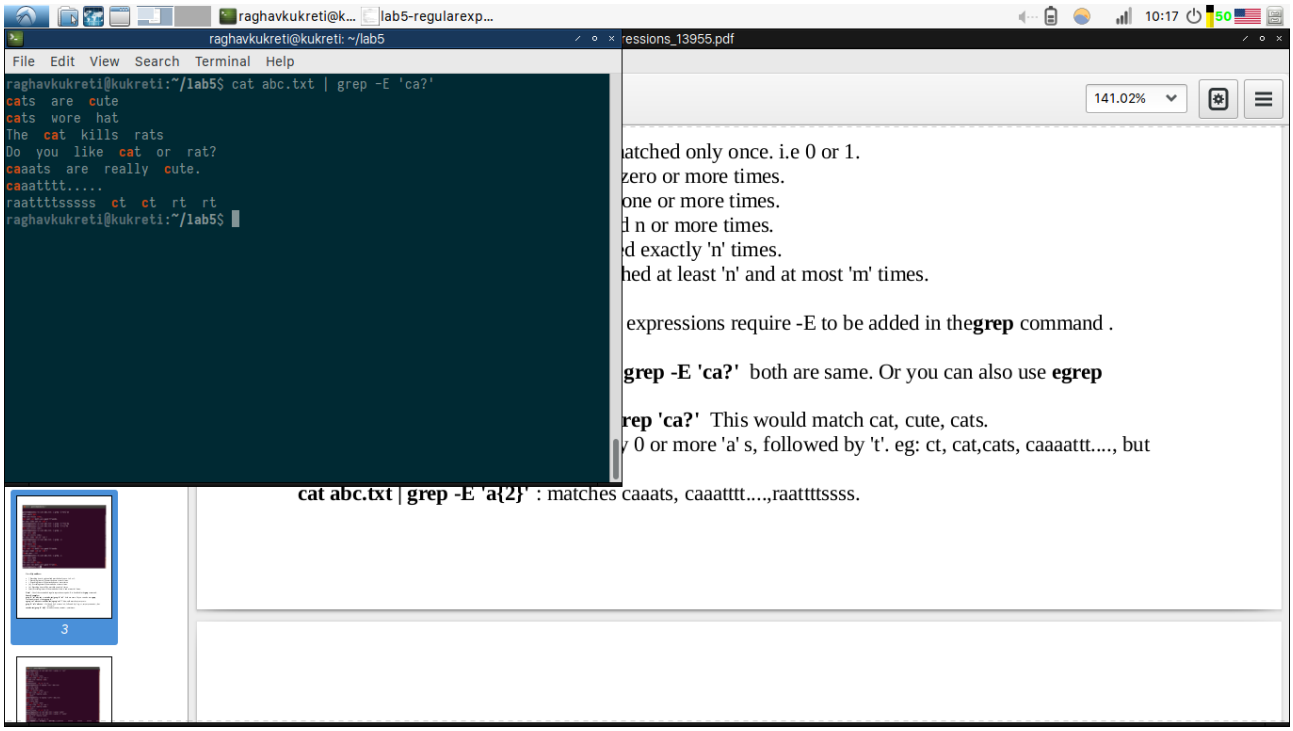
3. Using '^' operator to match characters not in the list

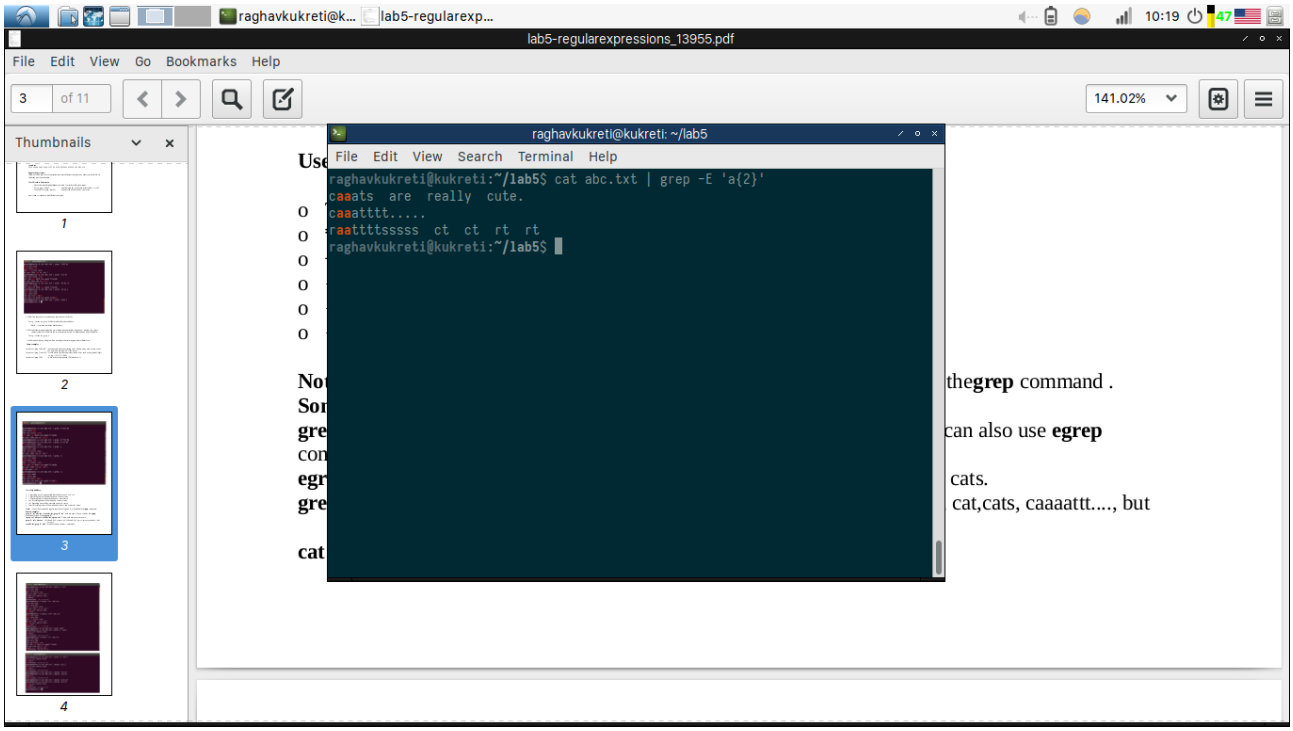


4. Matching strings in which a single character appears before a.

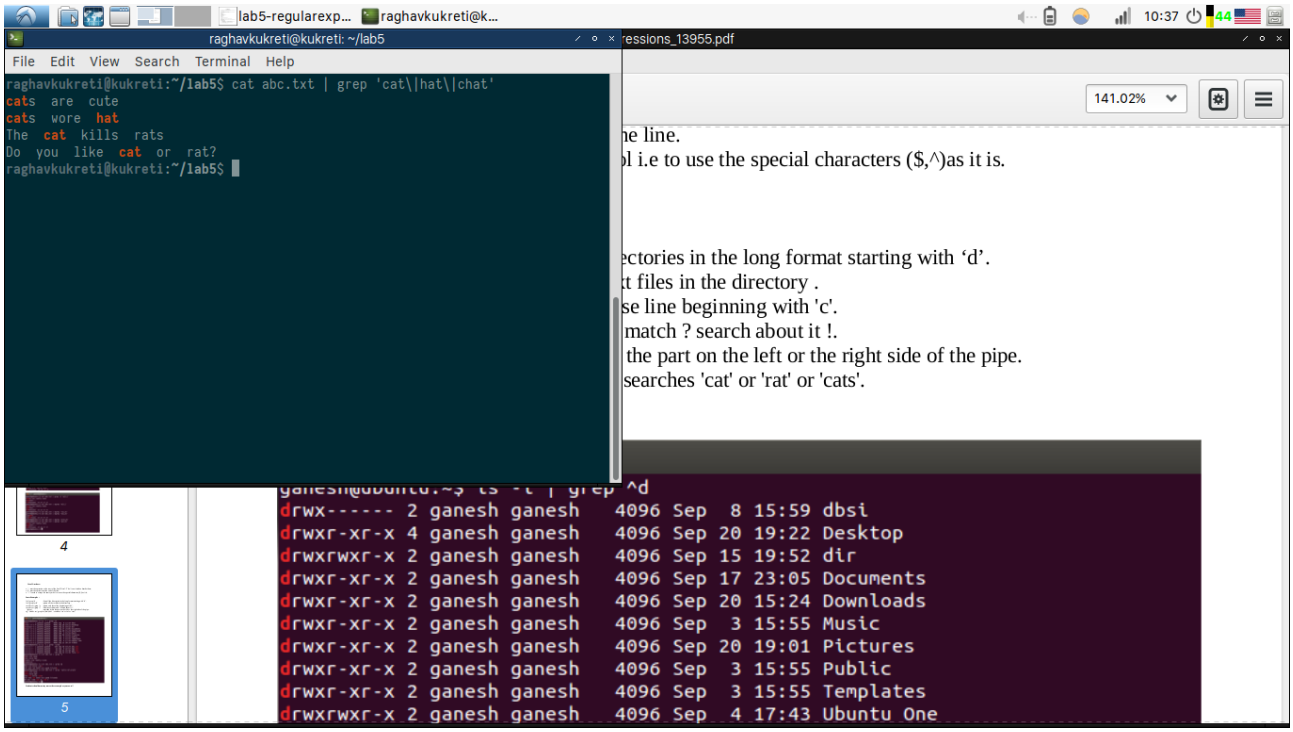


5. Using quantifiers to match strings

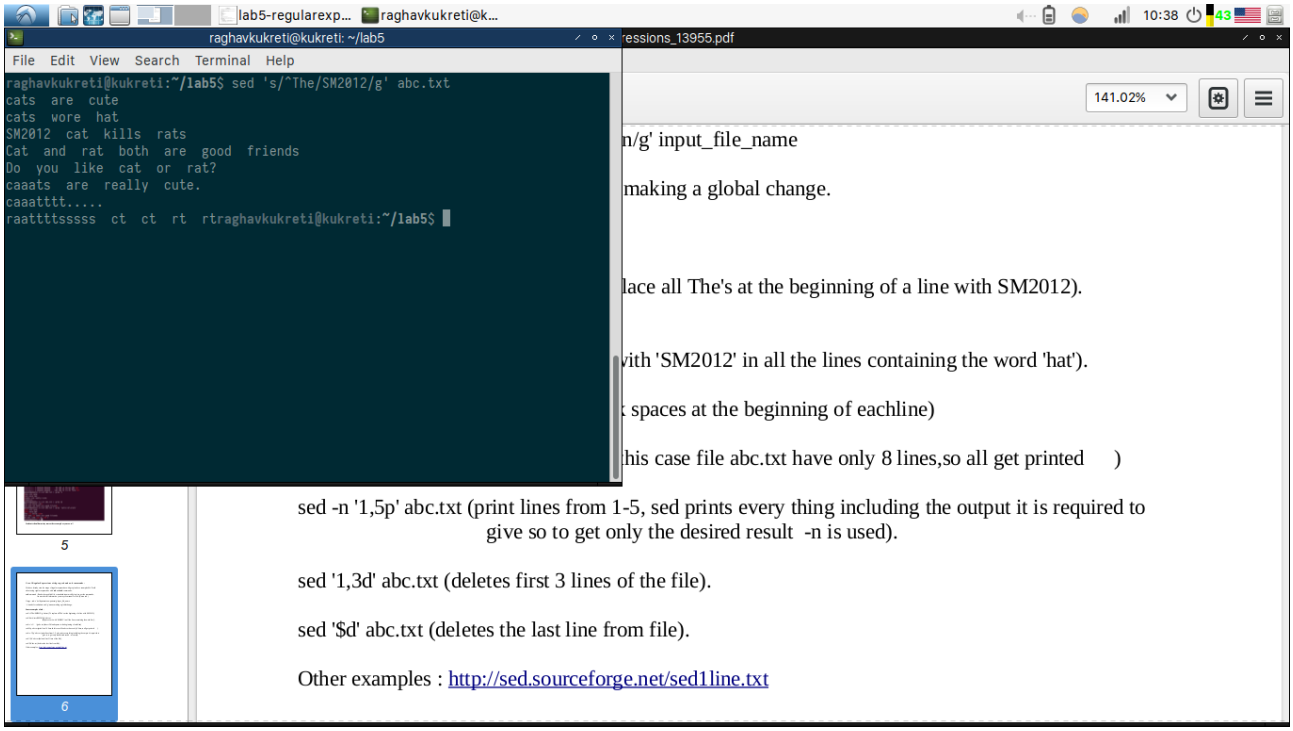


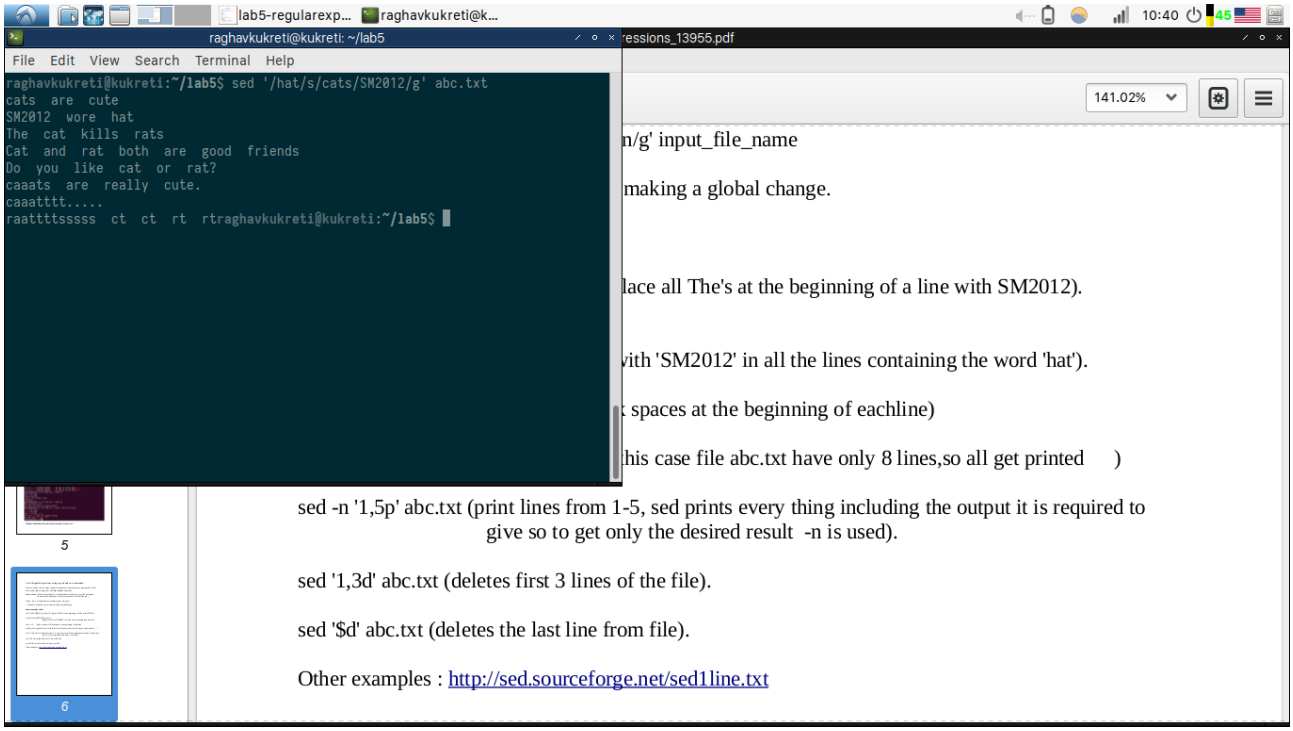


6. Using anchors

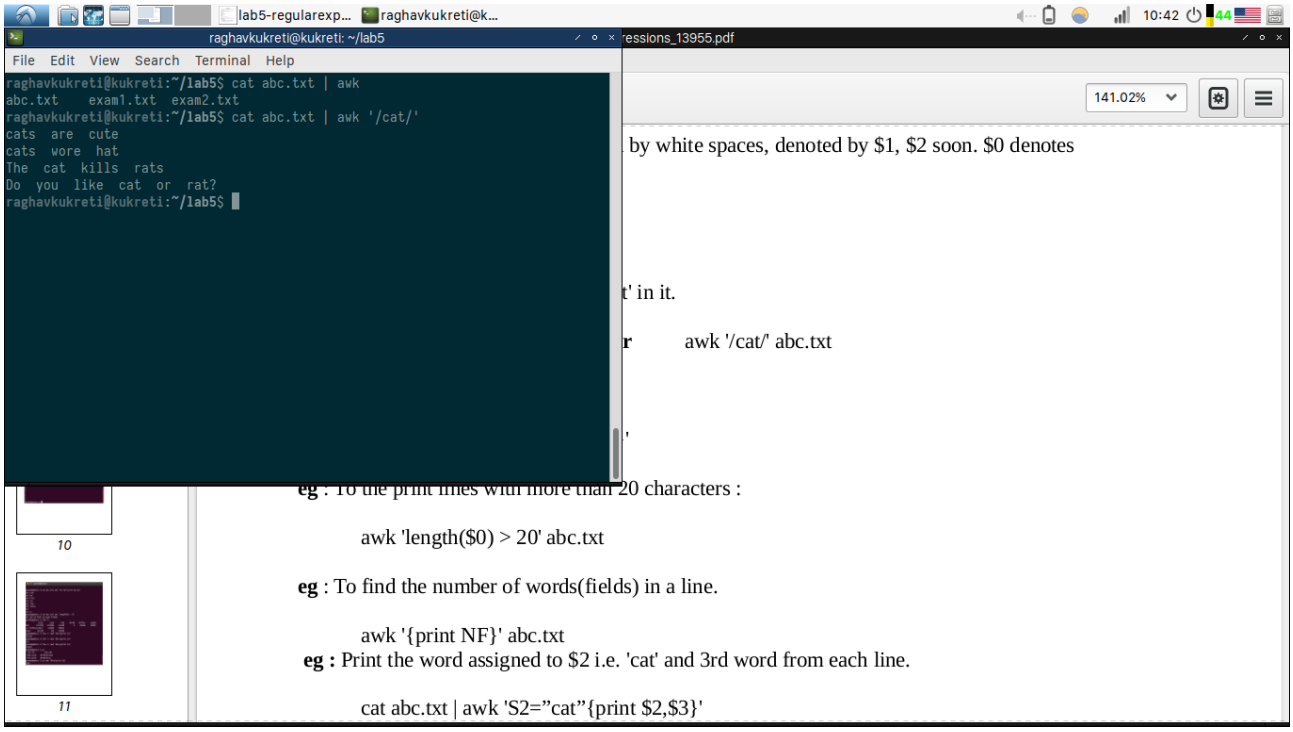


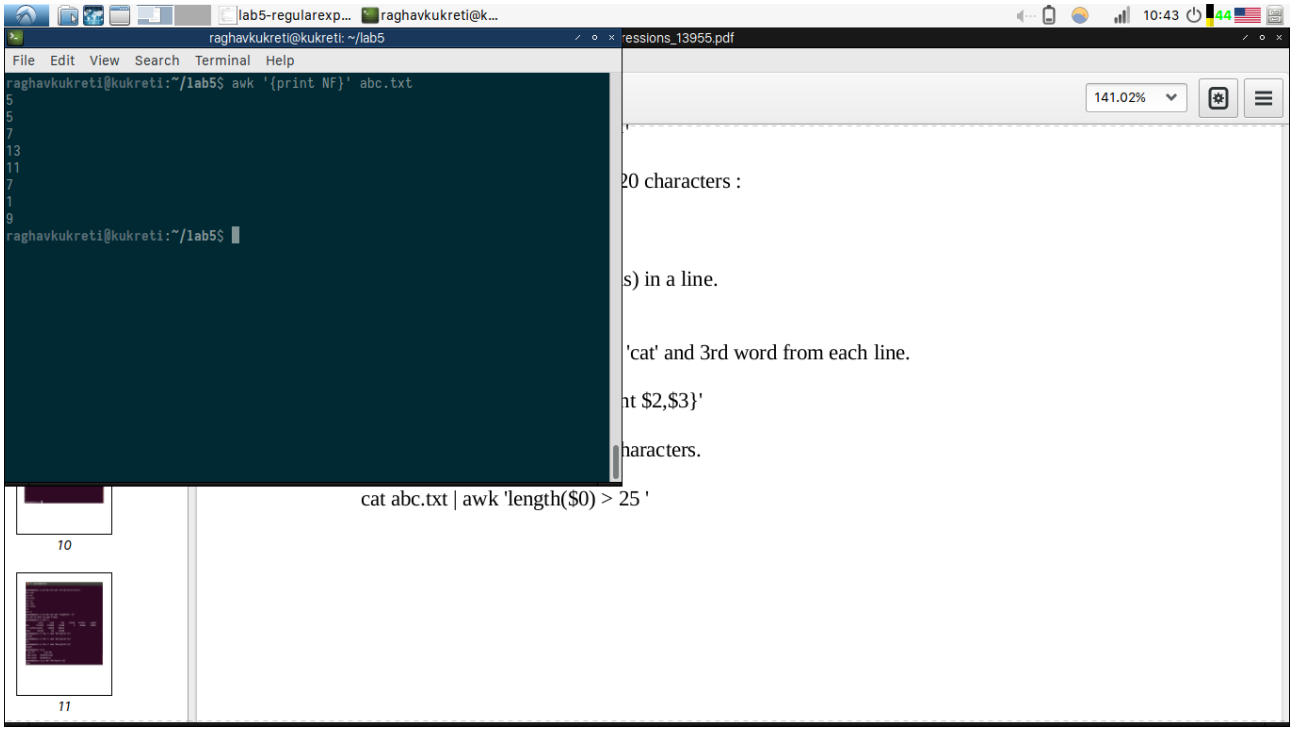
7. Using sed to match strings

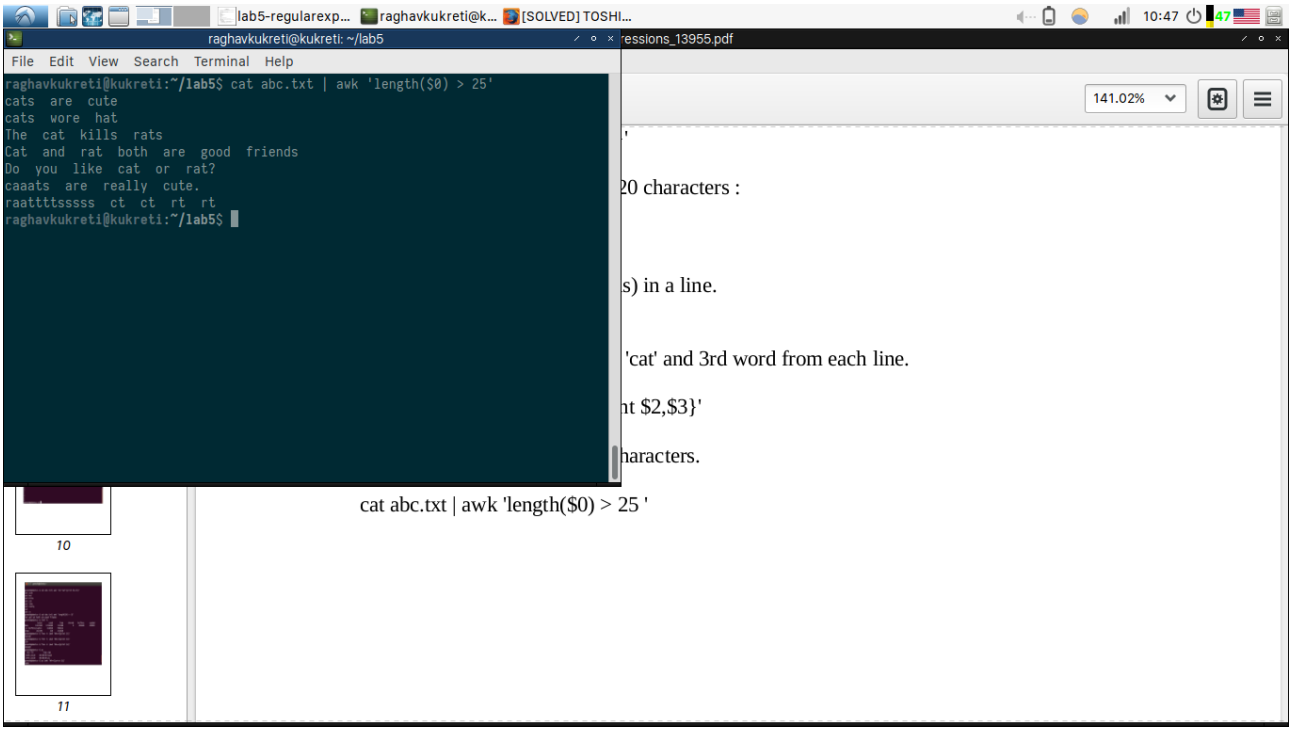


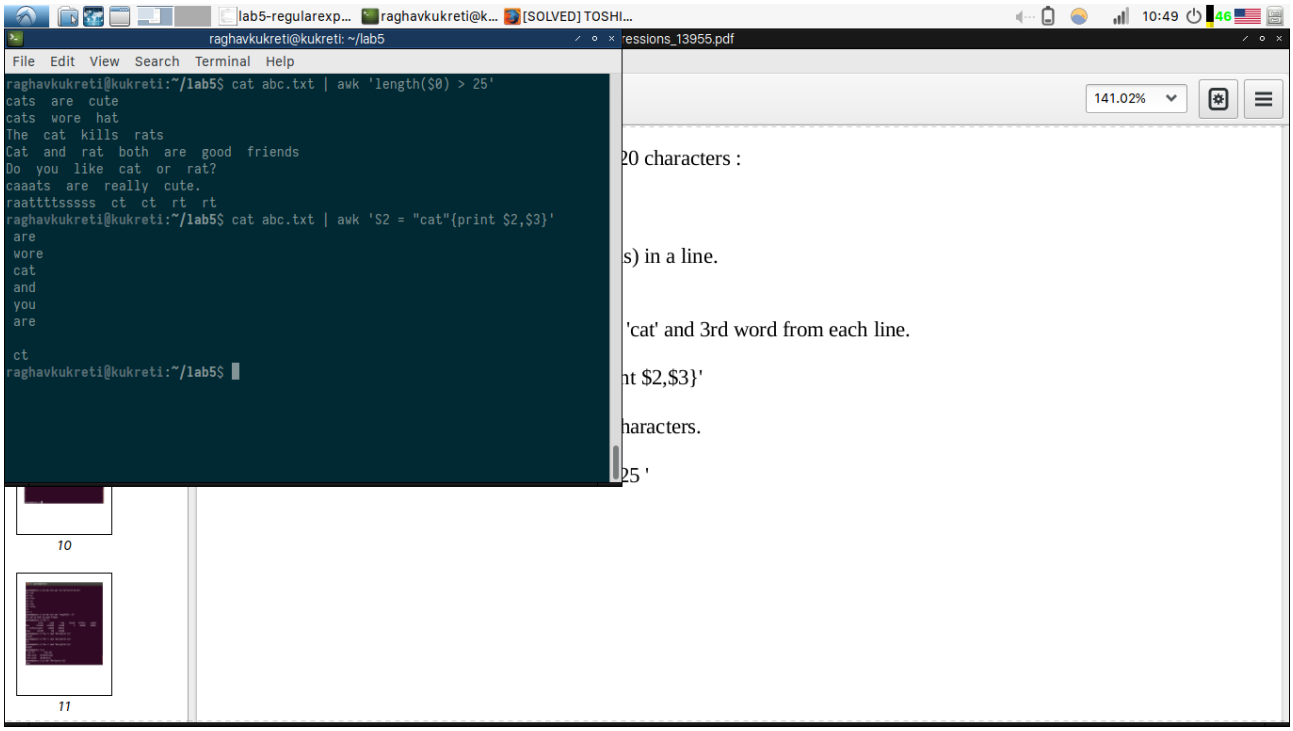


10. Using awk to match string patterns




lab5-regularexp...
raghavkukreti@k...
10:43
raghavkukreti@kukreti: ~/lab5
File Edit View Search Terminal Help
raghavkukreti@kukreti:~/lab5$ awk '{print NF}' abc.txt
5
5
7
13
11
7
1
9
raghavkukreti@kukreti:~/lab5$
ressions_13955.pdf
141.02%
20 characters :
s) in a line.
'cat' and 3rd word from each line.
nt $2,$3}'
haracters.
cat abc.txt | awk 'length($0) > 25 '
10
11


lab5-regularexp...
raghavkukreti@k...
[SOLVED] TOSHI...
10:47
raghavkukreti@kukreti: ~/lab5
File Edit View Search Terminal Help
raghavkukreti@kukreti:~/lab5$ cat abc.txt | awk 'length($0) > 25'
cats are cute
cats wore hat
The cat kills rats
Cat and rat both are good friends
Do you like cat or rat?
caaats are really cute.
raattttssss ct ct rt rt
raghavkukreti@kukreti:~/lab5$
ressions_13955.pdf
141.02%
20 characters :
s) in a line.
'cat' and 3rd word from each line.
nt $2,$3}'
haracters.
cat abc.txt | awk 'length($0) > 25 '
10
11


lab5-regularexp...
raghavkukreti@k...
[SOLVED] TOSHI...
10:49
raghavkukreti@kukreti: ~/lab5
File Edit View Search Terminal Help
raghavkukreti@kukreti:~/lab5$ cat abc.txt | awk 'length($0) > 25'
cats are cute
cats wore hat
The cat kills rats
Cat and rat both are good friends
Do you like cat or rat?
caaats are really cute.
raatttttssss ct ct rt rt
raghavkukreti@kukreti:~/lab5$ cat abc.txt | awk 'S2 = "cat"{print $2,$3}'
are
wore
cat
and
you
are
ct
raghavkukreti@kukreti:~/lab5$
ressions_13955.pdf
141.02%
20 characters :
s) in a line.
'cat' and 3rd word from each line.
nt $2,$3}'
haracters.
25 '
10
11