

3. Select a random file and do the following:
 - a. Count the no. of lines, words in the file
 - b. Display the list 10 lines of a file
 - c. Display the entire file
 - d. Search a word 'X' in the entire file and display the lines with it

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Activities Terminal Apr 18 10:25 saravanan-cj@cj: ~/Assignment
saravanan-cj@cj:~/Assignment$ wc -l -w file.txt
21 135 file.txt
saravanan-cj@cj:~/Assignment$ head file.txt
What is C Programming Language?

C is a general-purpose programming language that is extremely popular, simple, and flexible to use. It is a structured programming language th
at is machine-independent and extensively used to write various applications, Operating Systems like Windows, and many other complex programs
like Oracle database, Git, Python interpreter, and more.

It is said that 'C' is a god's programming language. One can say, C is a base for the programming. If you know 'C,' you can easily grasp the k
nowledge of the other programming languages that uses the concept of 'C'

It is essential to have a background in computer memory mechanisms because it is an important aspect when dealing with the C programming langu
age.

NAME="Ubuntu"
VERSION="20.04.4 LTS (Focal Fossa)"
saravanan-cj@cj:~/Assignment$ cat file.txt
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NAME="Ubuntu"
VERSION="20.04.4 LTS (Focal Fossa)"
ID=ubuntu
ID_LIKE=debian
PRETTY_NAME="Ubuntu 20.04.4 LTS"
VERSION_ID="20.04"
HOME_URL="https://www.ubuntu.com/"
SUPPORT_URL="https://help.ubuntu.com/"
BUG_REPORT_URL="https://bugs.launchpad.net/ubuntu/"
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PRIVACY_POLICY_URL="https://www.ubuntu.com/legal/terms-and-policies/privacy-policy"
VERSION_CODENAME=focal
UBUNTU_CODENAME=focal

saravanan-cj@cj:~/Assignment$
saravanan-cj@cj:~/Assignment$ grep -n 'x' file.txt
3:C is a general-purpose programming language that is extremely popular, simple, and flexible to use. It is a structured programming language
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saravanan-cj@cj:~/Assignment$
```