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Distance of a text editors? Diseuss in detail the different text editors used in Red Mat Linux.

Also differentiate CLI editors and GIUI editors.

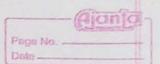
Ansi-The etext editors are one of
the most frequently used applications
on Linux & Systems. Linux text
editors can be used for edditing
text tiles, writing codes of
Updating user instruction files,
and more. A linux systems
Supports multiple text editors.
There are two types of text
editors in linux, which are
given below:

(i) Commond line text editors

The different text editors used in Red Hat Linux discussed in details given below:

· vi/VIM Editor :-

vim editor is one of the most used and powerful command - line based editor of the linux system. It is a user-friendly



editor of 9t is also called programmer's editor because most programmer prefer vi editor. 9t has enhanced functionalities of old vi editor. By default, 9t is supported by most linux distors and provides the same environment for the all the Linux distors. Vi editor has some special features such as vi modes and syntax highliting that makes it powerful than other text editors. Generally, 9t has two modes editors.

- (i) Command Mode: The Command
  mode allows us to Perform
  actions on files. By default, it
  Starts in Command mode. In this
  mode, all types of words are
  Considered as commands. We can
  execute command in this mode.
  - (i) Insert Mode: The insert mode allows to insert text on files.

    To switch from command mode to insert mode, press the Es Esc to exit from active and i' key.
    - Gedit Editor: Gedit editor is the default editor
      for the GINOME desktop environment.

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When we open a file, it coil open with the Gredit editor. It provides Straightforward functionalities like any basic text editor. It is a lightweight editor with a Straight forward user interface. It was publicly released in the year with a GNOME desktop environment. It is developed using the c Programming language and supported all fout family.

Some key features of the gedit-text editor are as following:-

• 9t provides sntax highlighting.
• 4t supports internationalized text.
• 4t supports several programming language.

Nano editor show trasul (11)

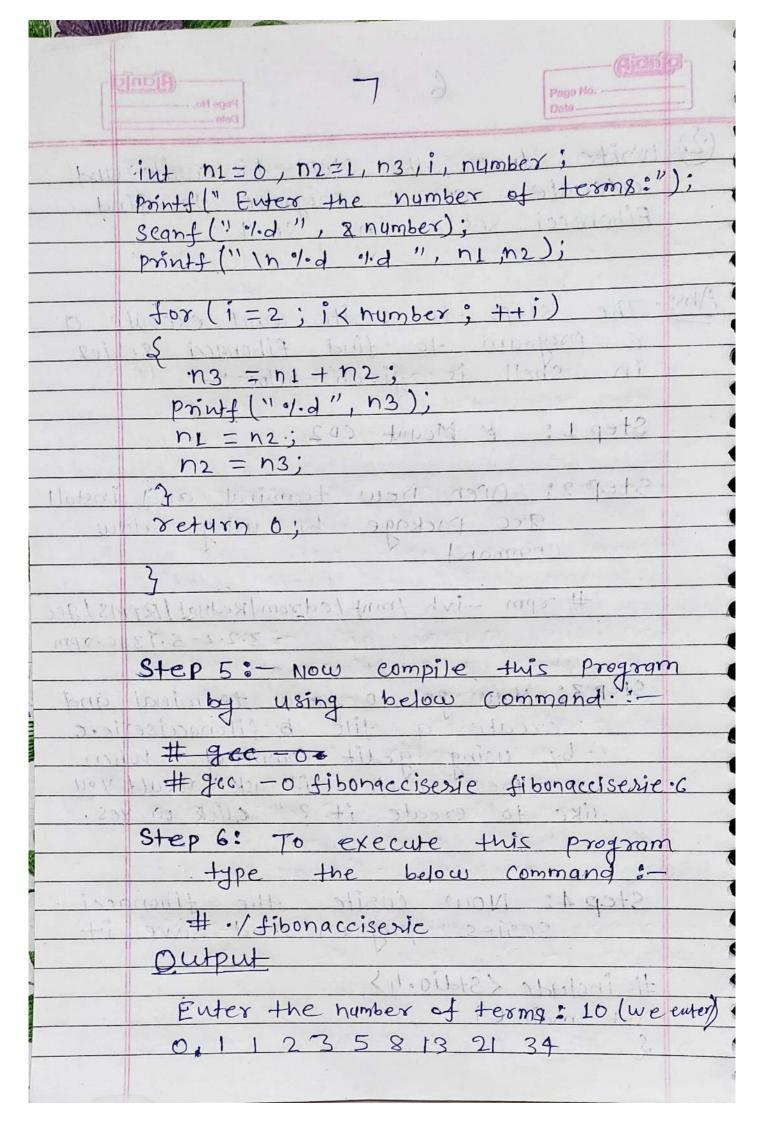
Nano is a straight forward editor.

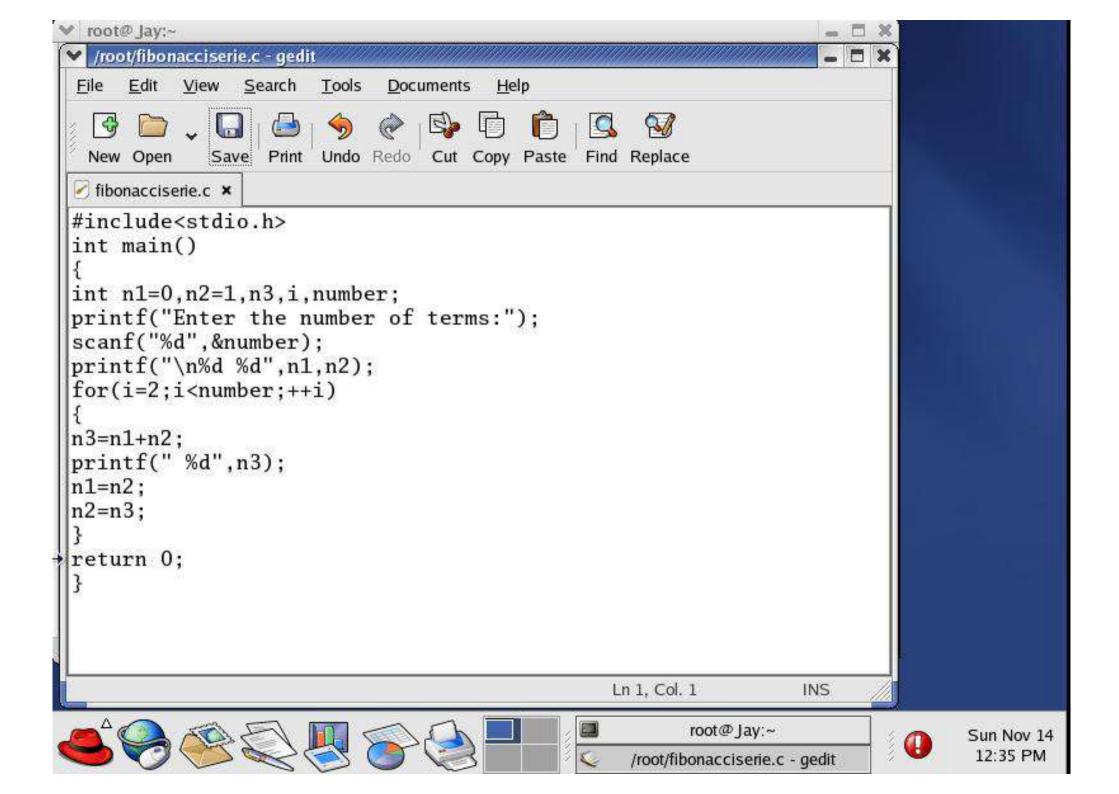
It is designed for both beginners
and advanced users. It has many customization features. Some advanced features of a nono text editor are as following: (i) 4+ supports syntax highlighting (ii) 9+ has undo and redo options (iii) 9+ has pager support to read

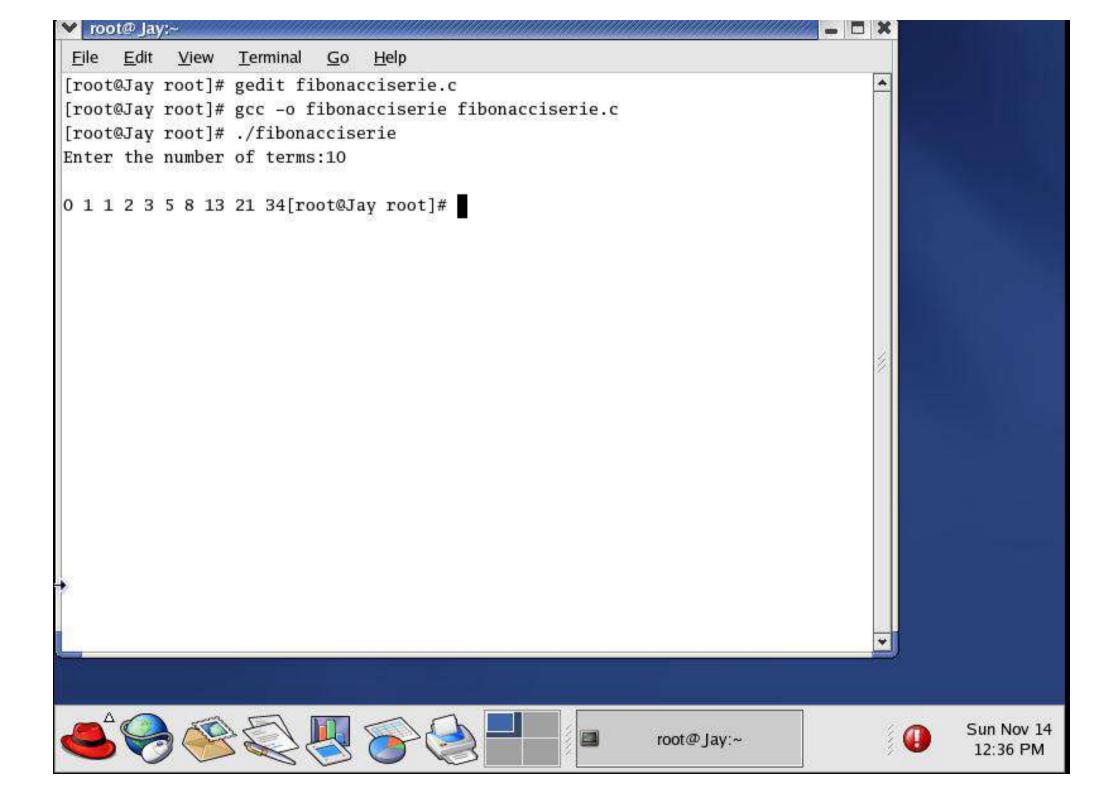
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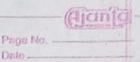
|            | Puge No.                                | Page No.                |
|------------|---|-------------------------|
|            | Differentiation e                       | ficht editors and       |
|            | GUI editors are                         | given below:            |
|            |   | Sun Sullane             |
|            | DAL SIN IN ICON                         |                         |
|            | 9 4 Stands for de                       |                         |
|            | Command line liwerface                  |                         |
|            | 9+ is very fast                         |                         |
|            | in execution.                           |                         |
|            | 169 F. Wilhes . It                      |                         |
| 20103      |   | 3 A beginner user       |
|            |   | ean esi easily handle.  |
|            | of commands.                            | it.                     |
| -test (4)  | 9+1 does not                            | 1) Its requires more    |
|            | require more                            |                         |
| 1 paletter | issement frommer                        | a lot of graphical      |
| LATISTA    | 10 000 ED SOO - UD HAN                  | components.             |
| <b>E</b>   | 9+ is not possible                      | 5 5+ has a              |
| Butt 1     | to change the                           | castomize options to    |
|            | appearance.                             | change the appearace.   |
| (E)        | The project - specific                  | (1) 4F (VI)             |
|            | 4+ has a interface                      | (6.) 9+ has a           |
|            | for the user to                         | interface that          |
|            | type the command                        | alidal wess too         |
|            | the tasks.                              | intract conth gocphical |
|            | THE MUSICA.                             | icone and visual        |
|            | A A SA | indicators,             |
|            |   | mails mid of            |
|            |   | e Rote / Lough          |
|            |   | e Kate y Country        |
|            |   |                         |

-Ajanja-6 Page No. ..... (2) write down the steps to write and Execute a c program to find Fibonacci series in Shell. (Care Lit " the toler (1) thereof Ans:- The steps to write and execute a C program to find fihonacci series in shell is given below: Step 1: & Mount CP2. Step 2: Open new terminal and install acc package by using below Command # spm -ivh /mn+/cdsom/RedHat/RPMS/gcc -3.2.2-5.138c. spm Step L'E- Meur (comsile Huic Pregnan Step 3: Now go to new terminal and create q file b fibonacciserie.c by using gedit command when we press enter it ask "would you like to create it?" click on yes. step 6: To execute office poets 2 England motal set - aget. Step 4: Now write the fibonacci series program and save it # include (Statio.h) house sint I main of the raderport and rothers









3) What is the need of file Permissions?

Discuss. Take examples and also explain in detail the different types of file Permissions along with user groups.

Ans:> The need of file permissions because it help support user Privacy by protecting access to the following restricted data, such as system.

State and a user's contact information.

if a usex has read permission, he or she can read but not modify the file. A user needs curite permissions to modify the file. To ryn the file as a compiled program, the user needs execute Permissions. Basically there are two types war of file permission.

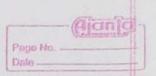
(i) Permission Types (ii) Permission Cyroups

(i) Every file has three basic permission type:

- Read: The read permission

  refer to a yser's capability

  to read the contents of the
  - write The write permissions refere



Permissions to the user, use the Command "chmod" with "+" or "-" along with the record "u" for users, "g" for group, and "o" for others user.

If wanted to add or remove permissions
to the user, use the command
"chmod" with a "+" or "-" along
with the x (read), w (write), x

Lexecute) attribute followed by the
row name of the file or directory.

for example, chmod + xwx "name of the

end - rwx "name of the dise" end chmod + rwx Jay. txt chmod - rwx Jay. txt

The command is similar to the previous wed but this you add a "g" for group or "o" for users.

chmod g+w Jay. +x+
ehmod g-wx Jay. +x+

The end