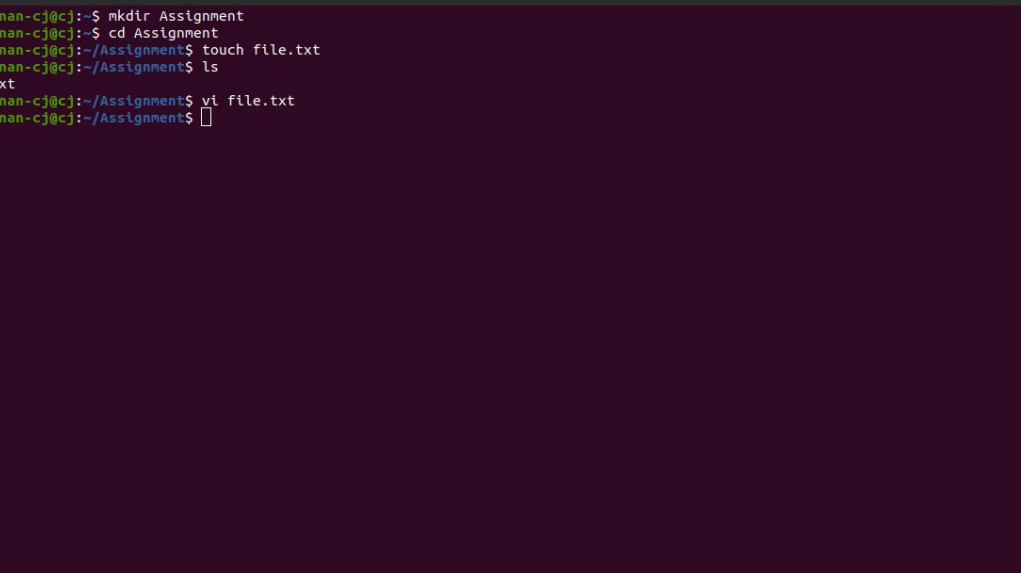


1.Question

Create a file in a new directory using vi editor and ensure the filename doesn't exist already using shell commands.



The screenshot shows a terminal window with a dark purple background. The title bar at the top reads "saravanan-cj@cj: ~/Assignment". The terminal content shows the following commands and output:

```
saravanan-cj@cj:~$ mkdir Assignment
saravanan-cj@cj:~$ cd Assignment
saravanan-cj@cj:~/Assignment$ touch file.txt
saravanan-cj@cj:~/Assignment$ ls
file.txt
saravanan-cj@cj:~/Assignment$ vi file.txt
saravanan-cj@cj:~/Assignment$
```

The left sidebar of the desktop environment is visible, showing icons for the Dash, Home, Files, Applications, and other system utilities. The top status bar shows the date and time as "Apr 17 20:13" along with system icons for network, sound, and power.

The screenshot shows a Linux desktop with a dark theme. A terminal window is open, displaying the following content:

```

saravanan-cj@cj: ~/Assignment
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 that is machine-independent and extensively used to write various applications, Operating Systems like Windows, and many other complex programs like Oracle database, Glt, 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 knowledge 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 language.

```

The desktop background is a dark purple color. On the left side, there is a vertical dock with several application icons: a terminal icon, a file manager icon, a web browser icon, a document icon, a question mark icon, and a terminal icon. The top of the screen shows a panel with the date and time 'Apr 17 20:13', a search icon, and a window management icon. The bottom of the screen shows a status bar with the text 'file.txt" 7L, 753C' and '7,146 All'.