

## ASSIGNMENT -8

a. Write a shell script to read a file name and a search string, find the given the string exists in the file or not

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anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht
Ubuntu is a Linux distribution based on Debian and composed mostly of free and open-source software.
Ubuntu is officially released in three editions:
Desktop, Server, and Core for Internet of things devices and robots.
All the editions can run on the computer alone, or in a virtual machine.
Ubuntu includes thousands of pieces of software, starting with the Linux kernel version 5.4 and GNOME 3.28, and covering every standard desktop application from word processing and spreadsheet applications to internet access applications, web server software, email software, programming languages and tools.

What is Ubuntu?
Ubuntu is a complete Linux operating system, freely available with both community and professional support. The Ubuntu community is built on the ideas enshrined in the Ubuntu Manifesto: that software should be available free of charge, that software tools should be usable by people in their local language and despite any disabilities, and that people should have the freedom to customize and alter their software in whatever way they see fit.

1. Ubuntu will always be free of charge, and there is no extra fee for the "enterprise edition", we make our very best work available to everyone on the same Free terms as possible.
2. Ubuntu includes the very best in translations and accessibility infrastructure that the Free Software community has to offer, to make Ubuntu usable by as many people as possible.
3. Ubuntu is shipped in stable and regular release cycles; a new release will be shipped every six months. Every two even years an Ubuntu long term support (LTS) release will become available, that is supported for 5 years. The Ubuntu releases in between (known as development or non-LTS releases) are supported for 9 month each.
4. Ubuntu is entirely committed to the principles of open source software development; we encourage people to use open source software, improve it and pass it on.
5. Ubuntu is suitable for both desktop and server use. The current Ubuntu release supports Intel x86 (IBM-compatible PC), AMD64 (x86-64), ARMv7, ARMv8 (ARM64), IBM POWER8/POWER9 (ppc64le), IBM Z zEC12/zEC13/z14 and IBM LinuxONE Rockhopper I+II/Empower I+II (s390x).
6. Ubuntu includes thousands of pieces of software, starting with the Linux kernel version 5.4 and GNOME 3.28, and covering every standard desktop application from word processing and spreadsheet applications to internet access applications, web server software, email software, programming languages and tools and of course several games.
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anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht$ ls -l
total 32
-rwxrwxrwx 1 anjalikumari anjalikumari 19936 Apr  8 16:07 anjali
drwxrwxrwx 1 anjalikumari anjalikumari 512 Mar 25 15:06 employees
-rwxrwxrwx 1 anjalikumari anjalikumari 130 Apr  8 16:06 hello.cpp
-rwxrwxrwx 1 anjalikumari anjalikumari 340 Apr  1 22:42 names.txt
-rwxrwxrwx 1 anjalikumari anjalikumari 1511 Apr  1 22:40 newfile.txt
drwxrwxrwx 1 anjalikumari anjalikumari 512 Apr  8 15:41 trainees
drwxrwxrwx 1 anjalikumari anjalikumari 512 Apr  8 15:33 trainers
-rwxrwxrwx 1 anjalikumari anjalikumari 2536 Apr  8 16:27 ubuntufile.txt
-rwxrwxrwx 1 anjalikumari anjalikumari 1826 Apr  5 15:36 vifile.txt
-rwxrwxrwx 1 anjalikumari anjalikumari 0 Apr  5 14:30 vifile.txt
anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht$ grep -i "Ubuntu includes" *
grep: employees: Is a directory
grep: trainees: Is a directory
grep: trainers: Is a directory
ubuntufile.txt:Ubuntu includes thousands of pieces of software, starting with the Linux kernel version 5.4 and GNOME 3.28, and covering every standard desktop application from word processing and spreadsheet applications to internet access applications, web server software, email software, programming languages and tools.
ubuntufile.txt:2. Ubuntu includes the very best in translations and accessibility infrastructure that the Free Software community has to offer, to make Ubuntu usable by as many people as possible.
ubuntufile.txt:6. Ubuntu includes thousands of pieces of software, starting with the Linux kernel version 5.4 and GNOME 3.28, and covering every standard desktop application from word processing and spreadsheet applications to internet access applications, web server software, email software, programming languages and tools and of course several games.
anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht$ wc ubuntufile.txt
  15 393 2536 ubuntufile.txt
anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht$ wc -l ubuntufile.txt
15 ubuntufile.txt
anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht$ wc -w ubuntufile.txt
393 ubuntufile.txt
anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht$ wc -c ubuntufile.txt
2536 ubuntufile.txt
anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht$ grep -i "Linux Operating" *
grep: employees: Is a directory
newfile.txt:Of the benefits of a Linux Programming operating system, Linux Programming is one of the most important is its usability. Generally speaking, once you become familiar with Linux programming, developing and working with a Linux operating system is a relatively user-friendly experience.
newfile.txt:In an age where cybersecurity is a major concern, a Linux operating system ranks among the most secure, with a global community that's continually focused on building upon its strength as a secure system.
grep: trainees: Is a directory
grep: trainers: Is a directory
ubuntufile.txt:Ubuntu is a complete Linux operating system, freely available with both community and professional support. The Ubuntu community is built on the ideas enshrined in the Ubuntu Manifesto: that software should be available free of charge, that software tools should be usable by people in their local language and despite any disabilities, and that people should have the freedom to customize and alter their software in whatever way they see fit.
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