

This week's activity instructions are quite straightforward, but the answers have the potential to fill a book. Within the scope of our weekly activities, think widely and deeply about open source.

Part One of Two

(50 points for this 3-part question, 150+ words total)

1. How much open-source software ...

- a) ...do you use for regular tasks on your computer? What are those apps?
Are there viable open source alternatives to the propriety apps you have? E.g. a Linux OS distro

In my daily life, I used software's for daily tasks. In which, most of then are open-source software's some of them are below: -

1. Ubuntu- It is an open-source Linux distribution.
2. Firefox- Firefox is popular open-source browser.
3. Visual Studio- Visual Studio is popular open-source text editors and integrated development environments (IDEs) used for coding.

Yes, there are lot of proprietary apps is alternative to open-source applications such as Microsoft Windows instead of Ubuntu, Chrome browser etc.

- b) ...for personal use is available on Seneca MyApps?
Give some examples that you might use in each of your courses.

On Seneca MyApps, there are variety of open-source applications like Visual Studio(Text code editor and IDE), Firefox(Web Browser) etc. For my Introduction to Programming in C course , I use Visual Studio to write and debug code perfectly which is enhancing my programming skills effectively . And I linux distribution ubuntu for Operating system course which is not available in Seneca MyApps but by using Matrix server of Seneca, I can use freely from anywhere.

- c) ...might be present on the Internet's infrastructure (the back-end server-side)
when surfing [the web](#)?

Open-source software is big on the web's back-end. It runs software like Linux, Apache , MySQL and languages like PHP and Python also help. It's basically the internet's backbone. Moreover, popular tools like WordPress manage content, while Node.js handles server-side scripting. open-source software forms the sturdy foundation of the internet.

Part Two of Two

2. What [open source projects](#) interest you and why? E.g. to gain [marketable experience](#)

(50 points for 250+ words)

I am interested in open-source projects like Bootstrap because it is very useful in web development. This project is widely used to share the open script of HTML, CSS and JavaScript, which are important for building websites and web applications.

Another one is Flutter which is widely used for mobile app development. It allows me to create apps for both iOS and Android platforms simultaneously, which is super convenient. In future, I will use these platforms to build the mobile apps. I aim to enhance my understanding of mobile app development.

For the coding purposes, I use Visual Studio to write and debug code perfectly in Introduction to Programming in C course, which enhances my programming skills effectively. It is freely available for everyone with lot features such as automatic code text generator, color the code according to variables, text and macros. It is launched by Microsoft Corporation, which is a market leader in IT field and trustworthy. Most of the IT companies use visual studio code editor for the purpose of making the applications or software.

In my Operating System course, I use Ubuntu Linux distribution for the purpose of making servers. It is known for its user-friendly interface, stability, and extensive software ecosystem. Ubuntu is designed to be easy to use for beginners. It is freely available to download and use, and its source code is open for everyone to inspect, modify, and distribute.

Overall, open-source projects offer me the opportunity to learn practical skills, gain experience with industry-standard tools. By participating in these projects, I can build a strong foundation for a successful career in software development.