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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) …can be used for [regular tasks](https://www.startpage.com/sp/search?query=Open+Source+Software+personal+productivity) on your computer?   
 Are there viable OS alternatives to the propriety apps you have?

Open-source software has become an integral part of normal operations on computers, and there is quite a lot of open-source software available to us. I use Visual Studio a lot, and there are several OS alternatives to this. 'VS Code' is an open-source code editor developed by Microsoft, so it's an efficient alternative. 'Atom' can also be a great alternative to a free open-source text editor developed by GitHub. It's a good OS alternative, as it supports plug-ins for different programming languages.

b) …for personal use is available on Seneca [MyApps](https://myapps.senecacollege.ca/)?   
What, of those OS apps, could you use yourself that you don't use already?

Seneca MyApp has so many apps installed and accessible, and offers so many open-source software. Also, I have open-source software like FileZilla 3.62, Filefox, GanttProject 2.8.9, and GitHub Desktop that I don't use yet.

c) …might be present on the Internet's infrastructure(the back-end server-side)  
 when surfing [the web](https://www.startpage.com/sp/search?query=Open+Source+Software+web+development)?

The Internet's back-end servers rely heavily on open-source software. One of the most widely used web servers in the world, the HTTP server is open-source. In addition, many open-source programs, such as Python and Linux, exist on Internet servers as well as database management systems such as SQL. This allows server developers and businesses to use and advance shared resources to facilitate the development of Internet servers.

Part Two of Two

2. How might you get involved in [open source projects](https://www.startpage.com/do/dsearch?query=open+source+software+projects+for+beginners) to gain [marketable experience](file:///C:\Users\timot\Documents\Seneca\SDDS\cpr101\SoftwareLicensing-IP-Legislation-Regulation\OSS%20projects%20marketable%20development%20experience)?  
What open source projects interest you and why?

(50 pointsfor 250+ words)

In order to gain marketable competitiveness, participation in open source projects is so important that it is considered a necessity, not an option. As a programmer, I am also interested in creating code and developing games through code. Also, I am very interested in developing the web or server. These open source projects can gain work experience, and through this, I can learn various skills and tools used in collaboration. It also helps me improve my portfolio. I can prove my skills because I record the codes that I actually contributed, the issues I solved, and the improved functions in real time. Both front-end development and back-end development are included in the process of app creation, and I would like to be involved in both of these projects. Front-end programming is mostly comprised of HTML and JavaScript, and it is an essential programming language that determines the layout of online sites as well as the operations of web pages. Because I believe that if I work on this front-end project, it will be beneficial to both my abilities to make use of open source software and my creativity in the development process, I would want to give it a shot. As a developer, I have the opportunity to grow my skills in code resolution, code creation, and data handling by participating in open source projects. This is because backend development mostly focuses on the processing of data, the logic of business organizations, and the configuration of servers. As a result of these advantages, I believe that taking part in open source projects is not only a fantastic experience but also a competitive advantage, which is why I believe that their participation is necessary.