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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?

We use lot of opensource softwares for regular tasks on your computer.

To name a few :

VLC Media Player : To play any media on the computer.

Mozilla Firefox : To browse through the internet

GIMP : For image rendering and editing

Shotcut : To edit videos (I personally use this software most of the time to edit my youtube videos)

Bittorent : File Sharing

Python : Being a programmer, I use it regularly

Linux : Part of my studies

The list is long enough to state how commonly we use open source softwares to carry out our daily task.

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 provides many open source software that can be accessed via Seneca Myapps. First of all, the Visual Studio Community edition that students can use to edit their code is an Open Source software and is available to all Seneca students via Myapps. There are hundreds of other open source apps available at MyApps. Other than that all Seneca students have access to Digital collection of Books, magazines, journals and research papers which are again free and open source.

All in all, we can say there is lot of stuff available for free at Seneca Myapps.

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)?

There are tones of open source softwares present on the web we are unaware of. According to [ZDNet](https://www.zdnet.com/article/its-an-open-source-world-78-percent-of-companies-run-open-source-software/), 78% of the world’s companies run open source softwares. By this, you can imagine the amount of free stuff present on the internet. But the main reason why we can’t see them is the marketing strategy. Other than the few most popular open source softwares in every fields, we are mostly unaware of other existing options. This is because small scale open source softwares generally don’t have enough money to spend on marketing thus we hardly heard them though some of them have exceptional performance. Also the web algorithm automatically prioritized the most famous or most visited softwares thus eliminating any chance for other small unpopular open source applications. This is the reason why we are unaware of majority of open source softwares in this vast ocean of web.

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 points for 250+ words)

Open-Source Projects are a great way to gain hands on experience on what we have learned so far. Moreover, you are contributing something to the society when you work for any open-source project. For me an Open-source project is an opportunity to learn many things other than my field knowledge. Working with different people is one of the biggest things to learn at such a digital workplace. Moreover, you get to know how exactly a project is planned and managed. In other words, you get to know a lot about project management. Most importantly, you find out how much that you have learned is practically useful and what more you need to work on. You get to know your strong and weak points. You can improve your weak points and further strengthen your strong point and be a very good programmer which would help you stand out while searching for a job. These are really goood stuff to add to your LinkedIn resume as well.

These are some of the biggest reasons why one should work on an open-source project (at least why I would go for it).

Below are some of the open-source projects that I am planning to contribute to once I gain the necessary knowledge:

(1) Google Summer of Code (GSoC)

(2) OpenCV

(3) Microsoft Cognitive Toolkit (CNTK)