Linux and Vim Assignment

Compulsory assignments

1. **Vim**

   ○ Complete the basic tutorial: https://www.openvim.com/

2. **Linux**

   ○ Learn about alias and set up a few of your own related to any networking commands that were covered in the lectures.

   ○ Learn what is Shell Script and write one yourself (can be about anything)

   ○ Solve at least 12 challenges of http://overthewire.org/wargames/bandit/. Extra credit if you solve more.

   PLEASE DON'T GOOGLE FOR SOLUTIONS OF THE 3rd ASSIGNMENT. THESE CHALLENGES HAVE MANY WALKTHROUGHS POSTED ON THE INTERNET AND YOU SHOULD ONLY READ THEM IF YOU ARE STUCK ON A CHALLENGE FOR A VERY LONG TIME.

Optional assignments

1. **Vim**
   ○ Complete https://vim-adventures.com/. (Though optional, highly recommended and a fun learning source)
   ○ Write your own vimrc to do amazing things
2. **Linux**

   ○ Learn what a bashrc is and write your own bashrc to customize your terminal.
   ○ Complete the http://overthewire.org/wargames/bandit/ wargame.

Deadline:Thursday, April 22nd 2021 11:59 p.m.

Resources
Reference materials on the things taught are here:

1. http://ryanstutorials.net/linuxtutorial/ - Simple and easy going
2. http://linuxcommand.org/lc3_learning_the_shell.php from http://linuxcommand.org - A bit detailed one yet easy.
3. http://www.tldp.org/LDP/Bash-Beginners-Guide/html/index.html from http://www.tldp.org/guides.html - A very detailed one, you can ignore this.
4. https://devhints.io/vim: Vim cheatsheet