



DeVry University Online Student Branch Presents

“ How to create basic shell scripts in Linux ”

By Dr. Simon Obeid

Thursday, March 11th 2021, 5:00 pm CST

To Join:

Go to: <https://devry.webex.com/devry/j.php?MTID=m2160222ac2f3194f099085692ccd71b8>

Shell and bash scripting

In this session, we will learn about basic concepts in shell and bash scripting. The shell is a program that takes commands from user's keyboard and passes them to the operating system to execute. We will introduce variables of shell script and learn about text editors available on Linux. Shell has the concept of functions. It allows the user to write a custom code block that will be required to be reused over and over. We will conduct hands-on activities and interactive quiz.

The following topics will be covered in the workshop:

- I. Understand basic concepts about Shell, Bash and scripting
- II. Learn about comparison operators and I/O Redirection
- III. Utilize Special characters and permissions in Shell script
- IV. Define types of variables in shell script
- V. Learn about text editors available on Linux
- VI. Learn about the Bash if statement and use it in shell scripts.
- VII. Work with while loop and until loop with examples
- VIII. Utilize functions with an example



Speaker's Bio:

Dr. Simon Obeid earned his Ph.D. in electrical engineering from the University of North Carolina in 2008, where he also earned his Master of Science degree in electrical and computer engineering. He is currently earning an MBA from DeVry University's Keller Graduate School of Management.

A member since 2003, Obeid served as the chair of the IEEE (Institute of Electrical and Electronics Engineers) Computer Society for the DeVry Charlotte chapter from 2009-12, and as vice chair the year before. Widely published, Obeid has presented his research at dozens of conferences and has served as a reviewer or guest speaker for many others. He was awarded, “Best Paper,” presented at ICMTSET 2014 (International Conference of Material Science and Engineering Technology) and has been a member of The National Scholars Honor Society since 2006.