Shell Programming

- Automate routine operations using loops

- Describe the fundamentals of UNIX shells, shell scripts, and scripting

- Set shell environment variables

- Search information using regular expressions

- Edit input streams using the sed editor

- Create scripts using the nawk programming language

- Include decision-making points within scripts using conditionals

- Perform multiple operations using interactive scripts

- Specify script options using the getopts statement

- Create advanced scripts using variables, parameters, and argument lists

- Automate tasks using functions

- Debug shell scripts using the trap command

- Develop some useful scripts for system administration-related tasks