Scripting Basics:

Topics:Introduction to Shell scripting and Python scripting.Automating basic tasks: file handling, user management.

Assignments:

1) Write a shell script to:Monitor server resource usage (CPU, memory, disk).Send an email alert if usage exceeds a threshold.
2) Create a Python script to:Parse logs from a web server.Identify IPs causing the most failed login attempts.Block those IPs by dynamically updating firewall rules.

Resources:
1) *Shell Scripting Tutorial*
2) *Python Tutorial*