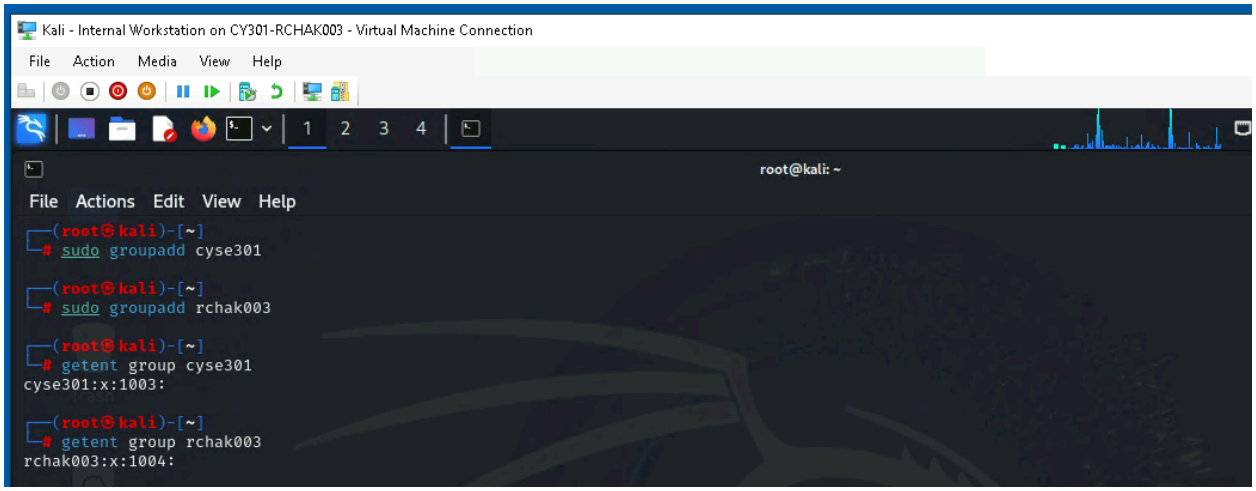
CYSE 301: Cybersecurity Technique and Operations

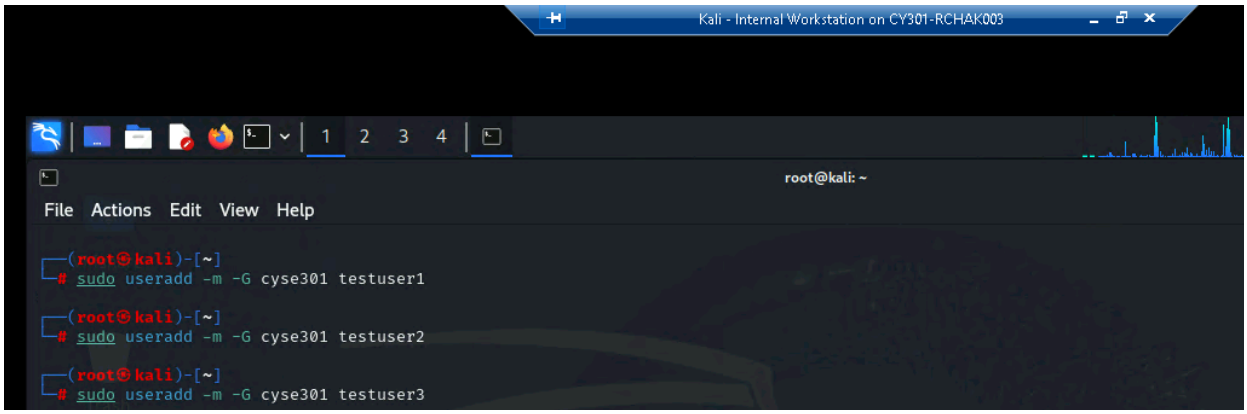
Assignment 5: Password Cracking (Part A)

Task A: Linux Password Cracking (25 points)

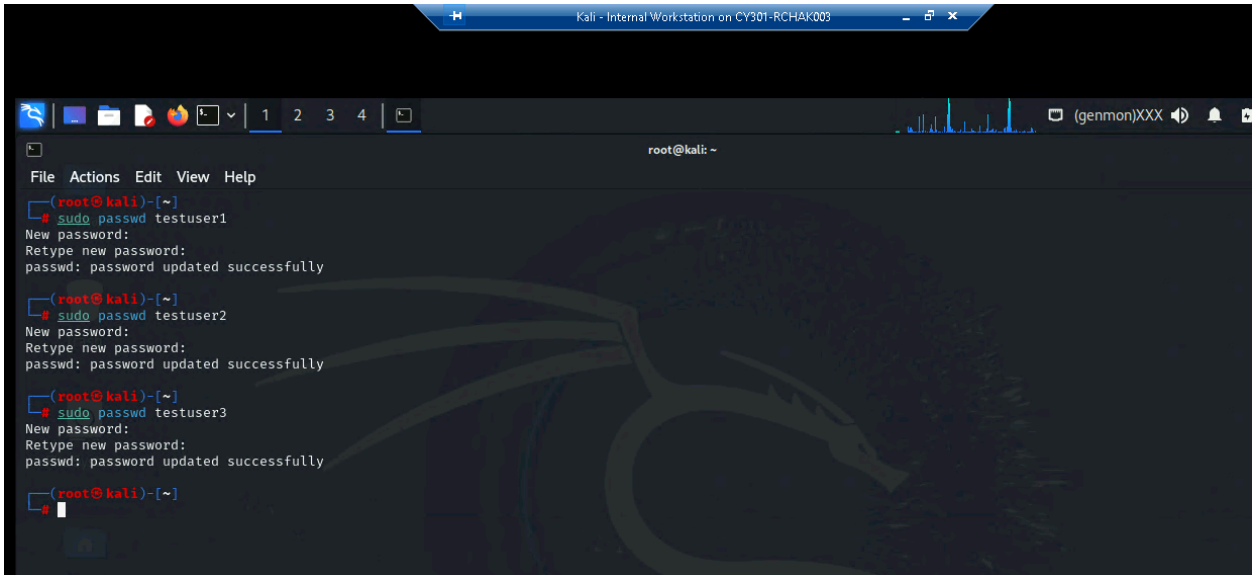
1. **5 points. Create two groups, one is cyse301, and the other is your ODU Midas ID (for example, svatsa). Then display the corresponding group IDs.**



2. **5 points. Create and assign three users to each group. Display related UID and GID information of each user.**

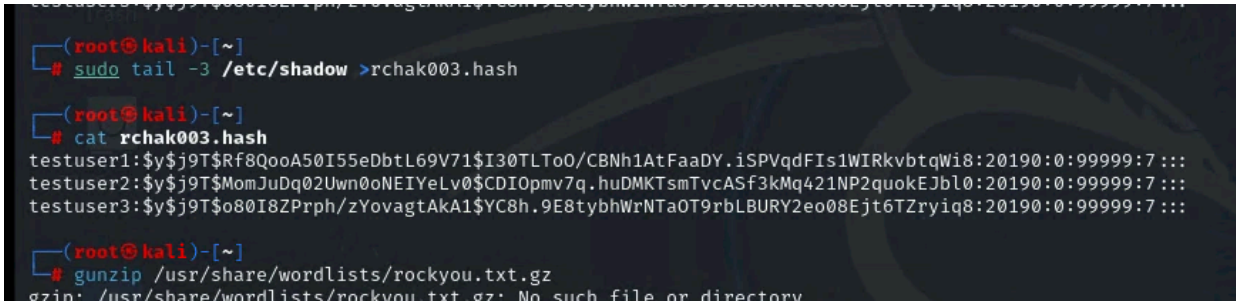


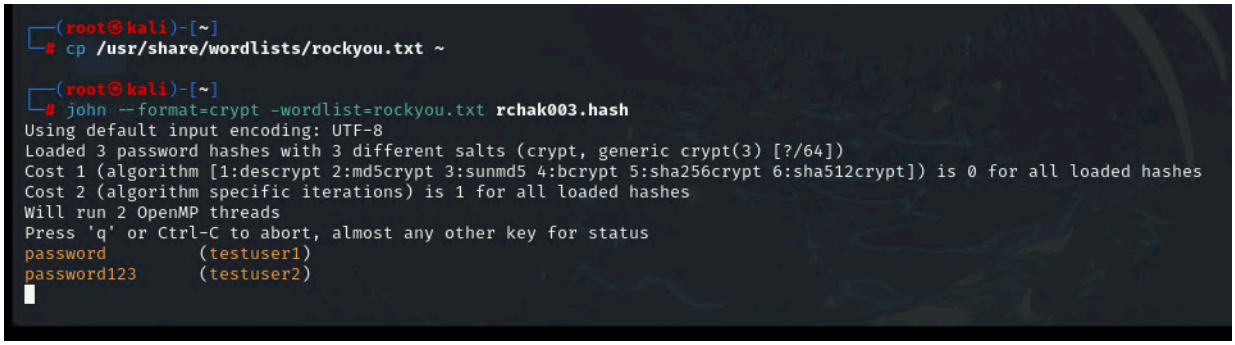
3. **5 points. Choose Three new passwords, from easy to hard, and assign them to the users you created. You need to show me the password you selected in your report, and DO NOT use your real-world passwords.**



Testuser1: password Testuser2: password123 Testuser3: password-123

4. **5 points. Export all Three users' password hashes into a file named "YourMIDAS-HASH" (for example, svatsa-HASH). Then launch a dictionary attack to crack the passwords. You MUST crack at least one password in order to complete this assignment.**





NOTE: I was able to successfully crack 2 passwords.