

# CYSE 270: Linux System for Cybersecurity

## Assignment 5: Password Cracking

Dominic Davis

User 1 password - pineapple

User 2 password - 5207

User 3 password - tiger67

User 4 password - table3@!

User 5 password - tower68

User 6 password - BuFFalo12@!

Steps 2-3

```
(dom-davis@kali)-[~]
└─$ sudo john --format=crypt ddavi105.hash --wordlist=/home/dom-davis/rockyou.txt
Using default input encoding: UTF-8
Loaded 6 password hashes with 6 different salts (crypt, generic crypt(3) [?/64])
Cost 1 (algorithm [1:descrypt 2:md5crypt 3:sunmd5 4:bcrypt 5:sha256crypt 6:sha512crypt]) is 0 for all loaded hashes
Cost 2 (algorithm specific iterations) is 1 for all loaded hashes
Press 'q' or Ctrl-C to abort, almost any other key for status
Warning: Only 7 candidates left, minimum 96 needed for performance.
tiger67          (user3)
tower68          (user5)
5207             (user2)
pineapple        (user1)
4g 0:00:00:00 DONE (2025-10-05 19:41) 5.797g/s 10.14p/s 60.86c/s 60.86C/s pineapple
Use the "--show" option to display all of the cracked passwords reliably
Session completed.

(dom-davis@kali)-[~]
└─$
```

3.) My John the Ripper tool successfully cracked four out the six users passwords.