**CS5573**

**Lab Assignment – 1**

**Due Date: 06-11-2017 Time: 11:59 p.m. Points: 4**

Instructions:

* Complete the answers and upload the document to the blackboard.
* Attach full screenshots to support your answers
* DO NOT log off the Kali Linux, just CLOSE the window.

Password cracking using dictionary attack

Use the below command to crack the password of a user login account ‘student’ on the server 192.168.2.77 using dictionary attack.

Command: *hydra –l student –V –P /usr/share/john/password.lst* ftp://192.168.2.77

1. What is the password of the login account ‘student’? (1 point)

Ans: karina, Hotmail, 0123456789

Password cracking using bruteforce attack

Use the below command to crack the password of a user login account ‘user’ on the server 192.168.2.77 using bruteforce attack.

Command: *hydra –l user –V –x 4:4:a1 ftp://192.168.2.77*

1. What is the password of the login account ‘user? (1 point)

Ans:

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1. Explain the process of hashing and storing the passwords in Ubuntu/Linux and Windows 7 operating systems. (1 point)

Ans:

1. Mention the salt value and hashed password value of the user account ‘student’ of your Kali Linux system. (Open the shadow file in your kali linux and locate the username ‘student’ and provide the above details)

Ans: