Lab on Hash Function
Either SHA-1, HMAC, or MD5 can be selected to finish the following problems.

Problem One (20):
Use an example to show that Hash function can help to protect integrity of your message. You can encrypt your plaintext message, tamper the cipher text and use hash function to check whether the decrypted message is changed.

Problems Two (20):
Use an example to show that if you tamper both ciphertext and hashcode properly, you can escape from the integrity check of hash function.