QUEZON CITY UNIVERSITY
COLLEGE OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

IAS101 – FUNDAMENTAL OF INFORMATION ASSURANCE AND SECURITY 1
LABORATORY ACTIVITY 1

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YEAR/SECTION: SBIT3D

DATE: 3-16-2022

SCORE	PERCENTAGE
50	

INSTRUCTIONS:

Conduct some independent research using scholarly or practitioner resources that will answer the following statements below.

Exercises:
1. Describe one method of multi-factor authentication that you have experienced and discuss the pros and cons of using multi-factor authentication.
2. What are some of the latest advances in encryption technologies?
3. What are some of the password policy you have encountered? Do you have to change passwords every so often? What are the minimum requirements for a password?
4. How are you doing on keeping your own information secure?

Answers:
1. One method I've encountered is, when logging in my social media account in a new device, a verification code will be sent to my cellphone number that I put in my account and I will enter the code.
   Pros:
   - It makes the account more secured.
   - You'll know if someone open your account.
   - It lessens the possibility to be hacked.

   Cons:
   - It takes a lot of time to open the account.
   - You can't open the account when you don't have the device where the authentication code will be sent.
2. One of the latest advances in encryption technologies I've searched is Honey Encryption, its used is to trick hackers by showing them different text.
3. Some of the password policies I've encountered required a strong password and easy to remember by user. I don't have to change password often and the minimum requirements for a password I've experienced requires at least 6-8 characters, must have special character, numbers, and uppercase letter.
4. I used two-factor authentication to my social media accounts.