# CIS30C Unit 1 Lab: Classes and Exceptions

In this lab, we will refer to Unit 1 Notes Part 2 document and Chapter 1 in the textbook to write Python program that contains classes, objects, inheritance, and exception handling. Refer to below exercise procedures and requirements.

1. Write a Python script that displays network device information, such as IP address, and fulfill the below requirements.
2. The program should define a class and instantiate objects to access attributes.
3. The class should consist of member variable(s), constructor, member methods and objects.
4. Test the program using at least 2 arguments that contain device information.

**Provide screen capture of program script and output.**

1. Write a Python script that uses class inheritance to display device information such as name, IP address and location. The program should fulfill the below requirements:
2. The program should contain a parent and a child class.
3. The child class should inherit attributes from the parent class to add additional information about the device, such as location.

**Provide screen capture of program script and output.**

1. Write a Python script that prompts the user to enter their name and password. Use exception handling to validate the username is in alphabet and the password is alphanumeric.

**Provide screen capture of the program script and output**

1. Identify a package that can be used for Python security. Provide description and information about the package and modules.