Lab Exercise 5

Q1. Write a program to handle the exception of ZeroDivisionError.

Q2. Write a program to handle the exception of IndexError.

[Handle the exceptions with 'Try', 'Except', 'Finally' and 'Raise' according to the requirements in the program.]

Lab Exercise 6

Q1. Write a program using the Regular Exception and create a function that accepts a string and searches it for a valid phone number.

Return the phone number if found.

A valid phone number may be one of the following:

(xxx)-xxx-xxxx

xxx-xxx-xxxx

Q2. Write a function that employs regular expressions to ensure the password given to the function is strong.

A strong password is defined as follows:

· at least eight characters long

· contains one uppercase character

· contains one lowercase character

· has at least one digit

· has at least one special character

[For instance: Christ@123]

Program Evaluation Rubrics

C1-Timely Submission---2 marks,

C2-Correctness & Clarity---4 marks,

C3-Complexity & Validation---2 marks,

C4-Viva Voice------2 marks

General Instructions

1. The file you have to save with your name, last 3 digits of register number and program number "Aaron_201_Lab3".

2. You have to upload the code in Github.

3. The implemented code you have to download as pdf format. (Should not copy paste and convert).

4. Both pdf and Github link you have to upload in the Google Class room in the given scheduled time.