**Assignment 2**

CP467: Image Processing & Recognition

Professor: Dr. Zia Ud Din

Due Date: Wednesday October 18, 2023. 11:59 p.m.

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Table of Contents

# Introduction

As described in the assignment instructions, the purpose of this assignment was to give in-depth low-level insight into the functions of image interpolation, point operations, and histogram contrast methods.

All the code for this assignment may be run using the a01\_190688910.py file in the source code folder. Running this file will perform the operations and display the resulting images to the user using python OpenCV.imshow() method. ***This was the only other high-level function used from the OpenCV library.***

**Note**: The saved images with extensions “.tif” will not open and display on my machine using Windows default photo viewers and editors. However, they do display correctly when running the code and do not affect the overall demonstration of the image manipulations in action.

# Task 1