CSBP441: **Applied Computer Vision**

ASG#1 3 points

What to do:

1. Install **Python** (with **OpenCV** package)
   a. For Windows users, link to YouTube video tutorial
   b. For Mac Users, follow this tutorial. The tutorial also has instructions on how to install VS Code on Mac.

2. Install **Python IDE** (VS Code, PyCharm) or **Anaconda** (Python distribution suitable for all OS)

3. Complete "**Gui Features in OpenCV**" lessons on the OpenCV website, with the following links.
   a. **Getting Started with Images**. Relative video tutorial.
   b. **Getting Started with Videos**. Relative video tutorial.
   c. **Drawing Functions in OpenCV**. Relative video tutorial.
   d. **Mouse as a Paint-Brush**. Relative video tutorial.
   e. **Trackbar as the Color Palette**. Relative video tutorial.

4. Draw one of the images using OpenCV's available functions. Each group must draw a different image, see the table.

Group	Logo	Group	Logo
1		8	
2		9	
3		10	
4		11	

5		12	
6		13	
7		14	

5. Copy and paste the picture drawn below:

6. Submit the following as an assignment on **BB**; a late penalty applies, (1 day is 20%):
   a. Create GitHub accounts and put your code as a repository, including all the group members as collaborators
   b. Add me as a collaborator on the GitHub repo. Here is my GitHub account: https://github.com/MoyoG
   c. This file is a PDF file including a Google Colab link to your code.
      Github repo: Computer-Vision-Assignment-1
      Google colab: Link
   d. Python code that produces the logo must work properly when it runs on another PC.