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**Assignment 1 Report**

**About the Project:**

* The project was built completely from scratch with Java and Java Swing:
  + We made extensive use of the ImageIO, BufferedImage, and awt libraries to accomplish Image Processing and a smooth UI experience.

**Instructions:**

1. Change the static string variable named folderPath to the absolute path of the image files folder.
2. Run the ImageBrowser.java file.
3. The left side of the GUI window is a collection of thumbnails of all 100 images in the folder.
4. Click a thumbnail so it pops up in the right side of the GUI.
5. Click Intensity based retrieval button to get the image based on Intensity.
6. Click the Color Code based retrieval button to get the image based on Color Code

**Screenshots:**

*Image 33.jpg*

1. A screenshot of a computer

   Description automatically generated
   1. Intensity
2. A screenshot of a computer

   Description automatically generated
   1. Color Code

*Image 93.jpg*

1. A screenshot of a computer

   Description automatically generated
   1. Intensity
2. A screenshot of a computer

   Description automatically generated
   1. Color Code