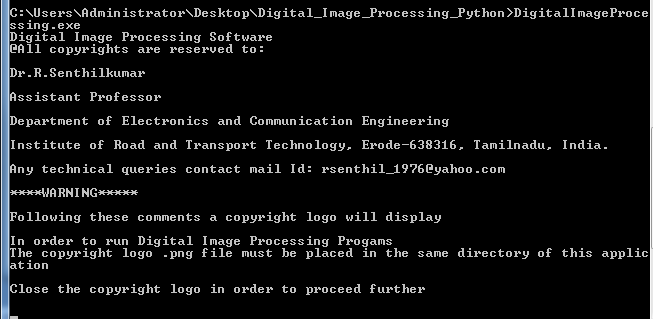
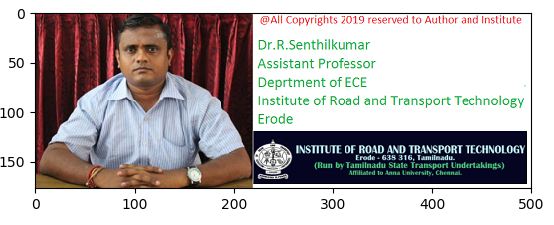
**Work -Digital Image Processing Software Usage**

**Program 1:**

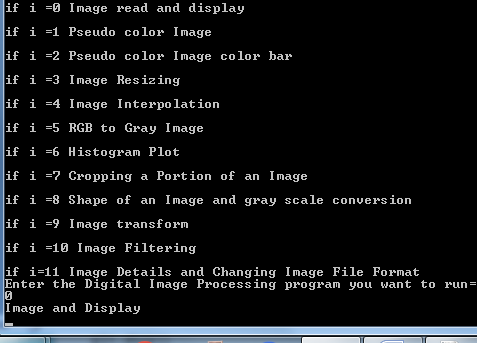
Open the software contained root folder in command line as given below in screen shot:



Copyright logo



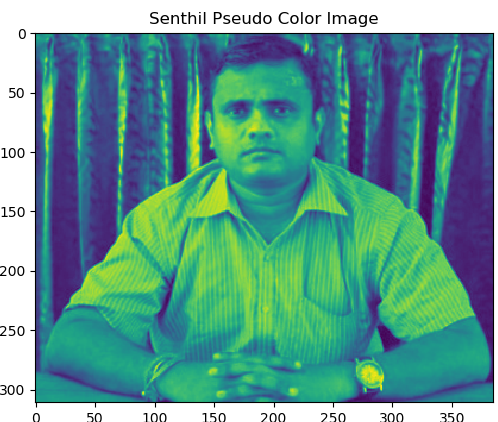
After the closing above figure, the following commands will be displayed in the command window:



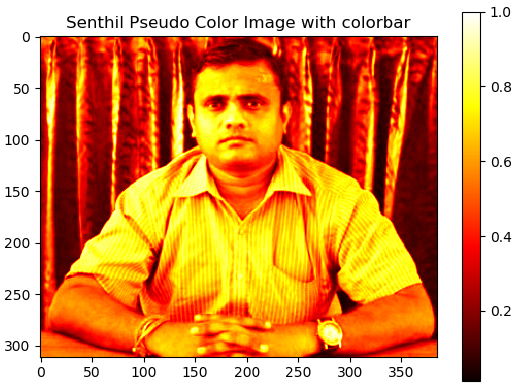
Result: Image and Display



**Program 2: Pseudo Color Image**

****

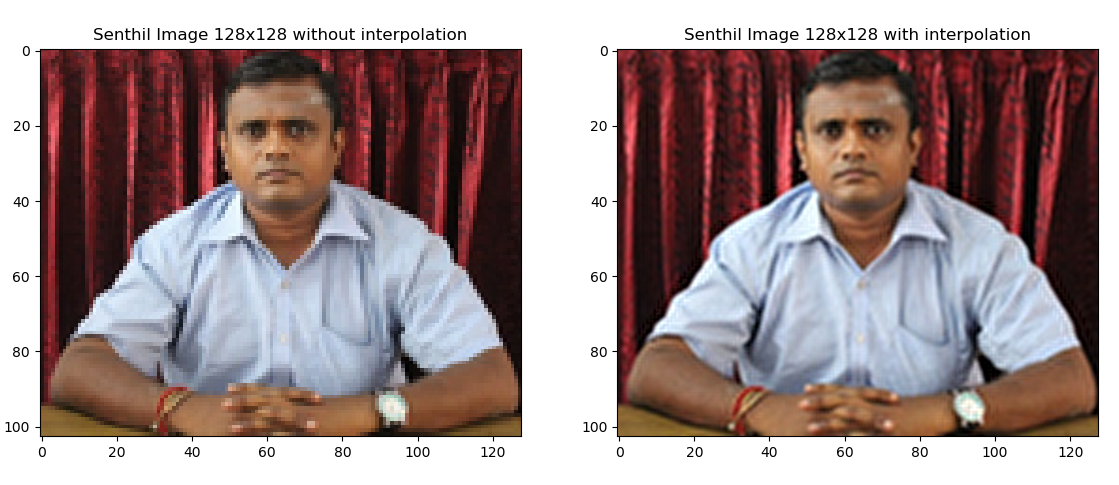
**Program 3: Pseudo color Image color bar**

****

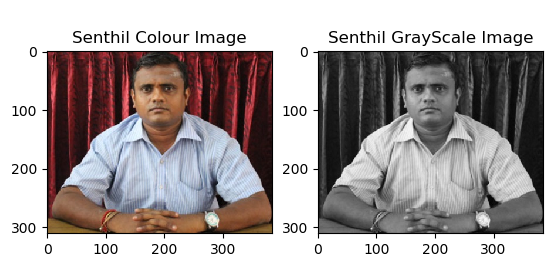
**Program 4: Image Resizing**

****

**Program 5: Image Interpolation**

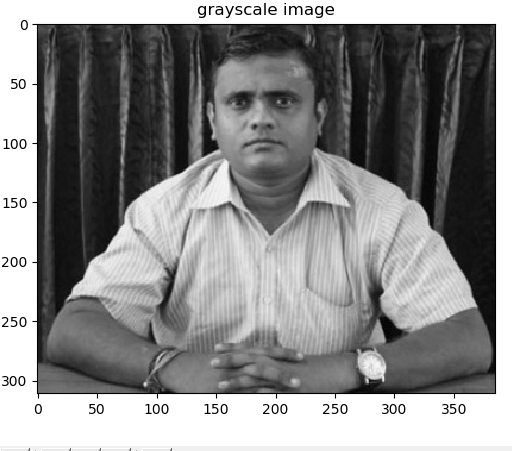
****

**Program 6: RGB to Gray Image**

****

**Program 7: Histogram Plot**

**Result 1:**

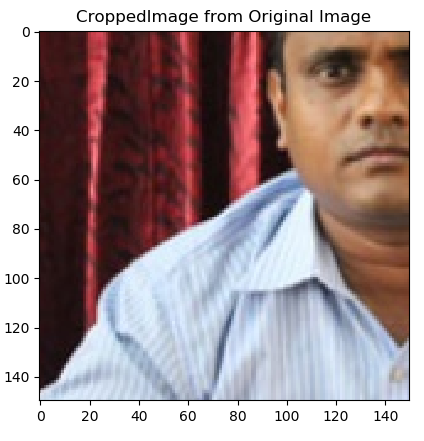
****

**Result 2:**

****

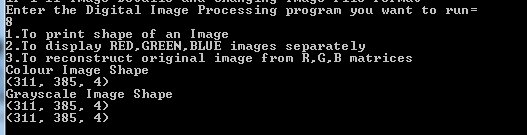
**Program 8: Cropping a Portion of and Image**

**Result:**

****

**Program 9: Shape of an Image and Gray Scale Conversion**

**Result 1:**

****

**Result 2:**

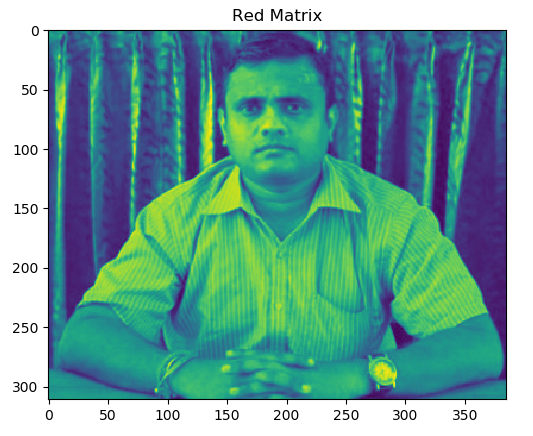
**Original Colour Image**

****

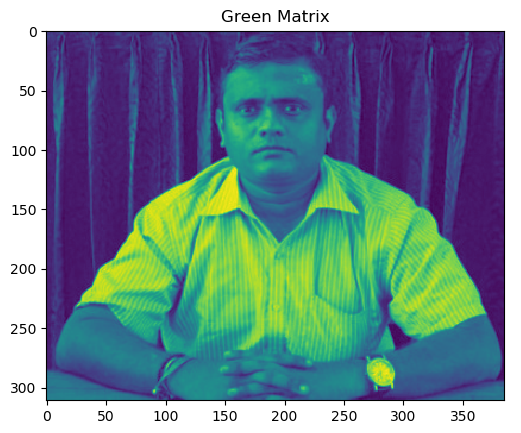
**Result 3: GrayScale Image**

****

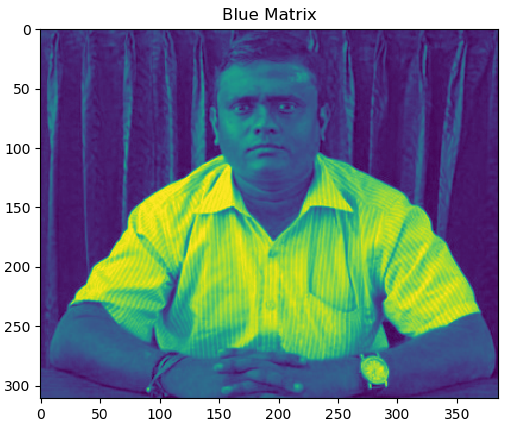
**Result 4:**

****

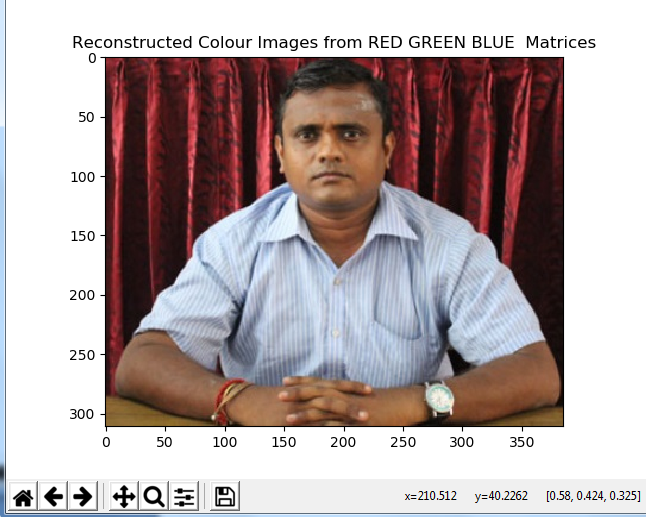
**Result 5:**

****

**Result 6:**

****

**Result 7: Reconstructed colour Image From Red, Green, Blue matrices**

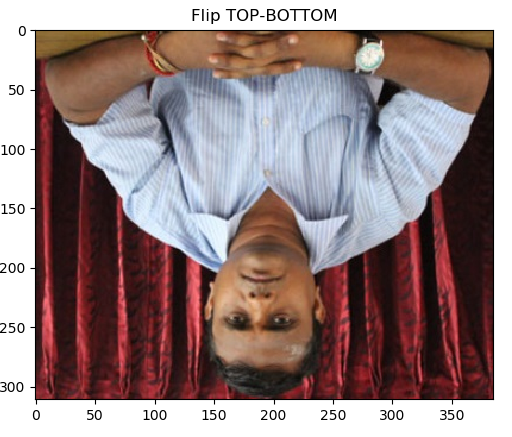
****

**Program 10: Image Transform**

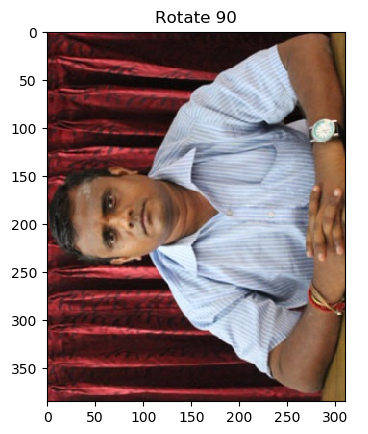
**Result 1:**

****

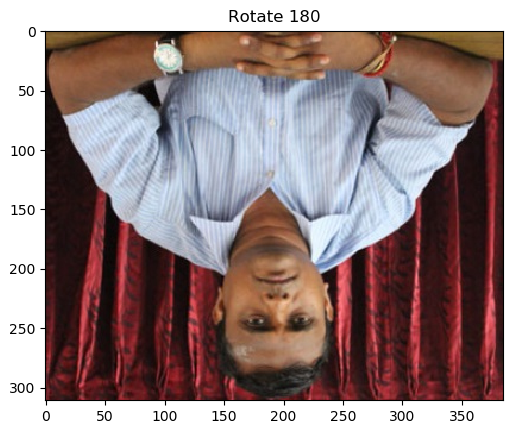
**Result 2:**

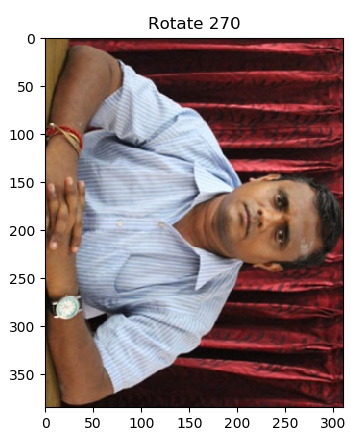
****

**Result 3:**

****

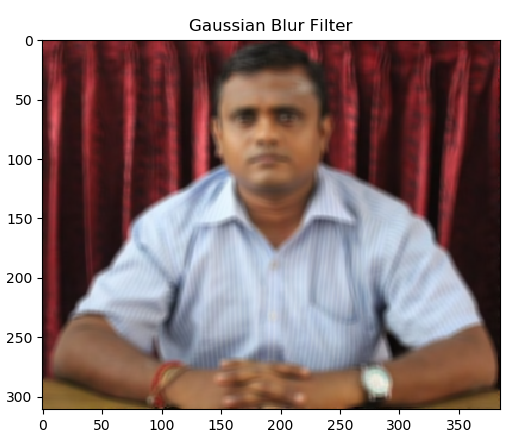
**Result 4:**

****

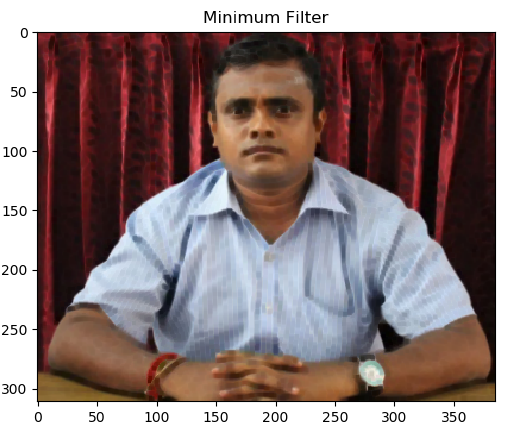
**Result 5:  
**

**Program 11: Image Filtering**

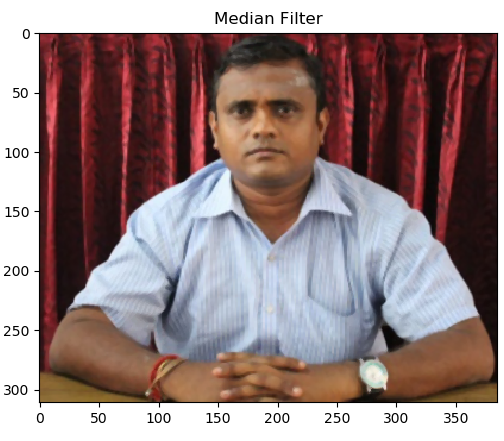
**Result 1:**

****

**Result 2:**

****

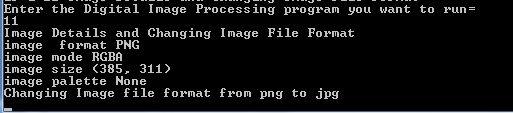
**Result 3:**

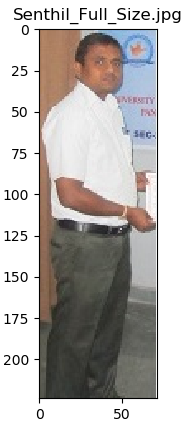
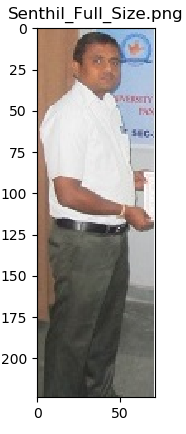
****

**Result 4:**

****

**Program 12: Image Details and Changing Image File Format**

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** **

Converted Image file format from .jpg to .png