Bugarin, Justine Faith F.   CPEN 111   November 23, 2022

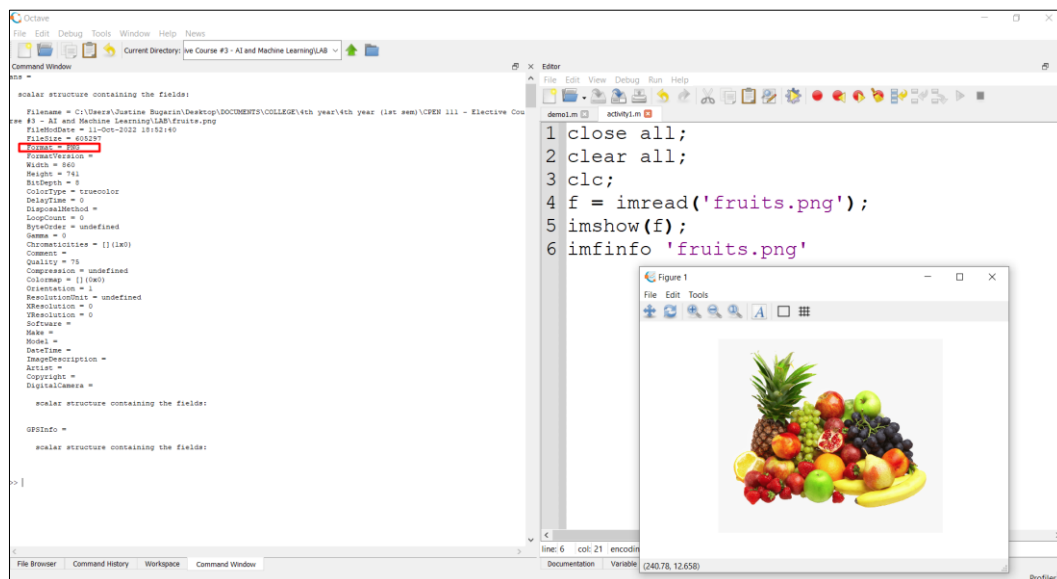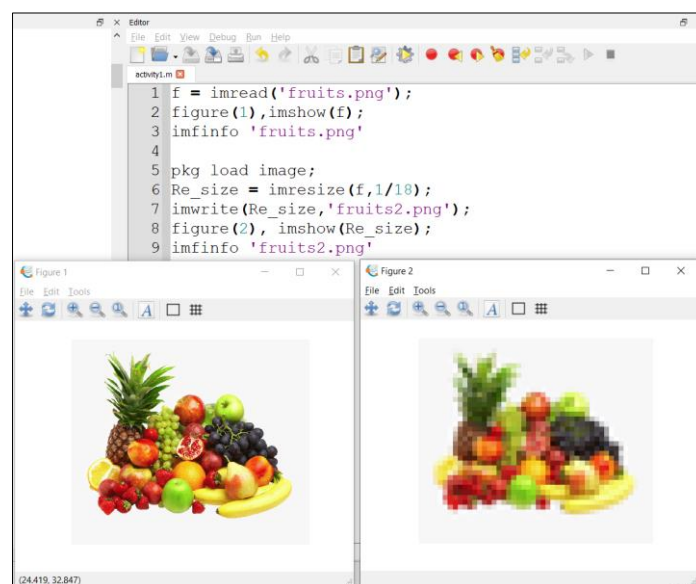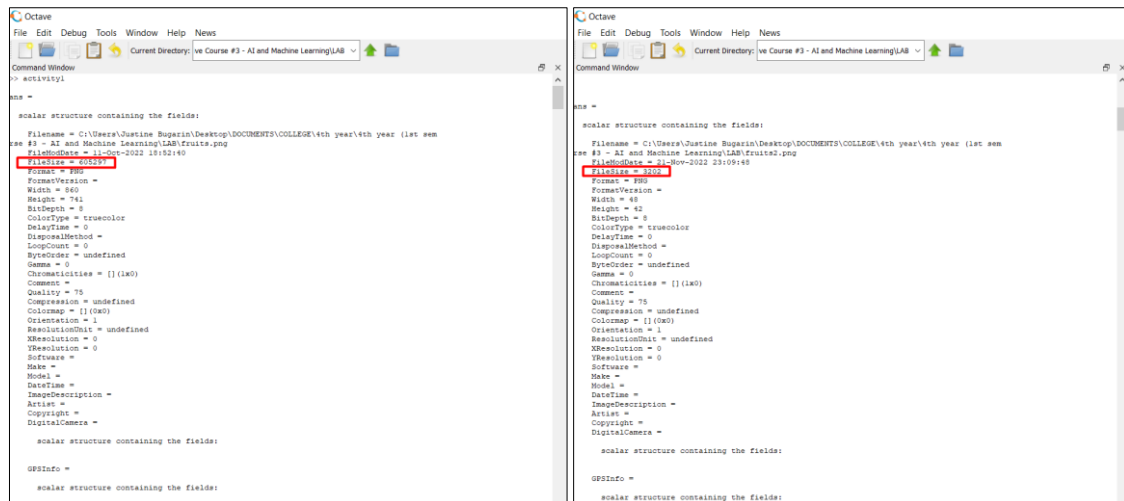201912674   BSCPE 4 – 2

Laboratory Activity 1

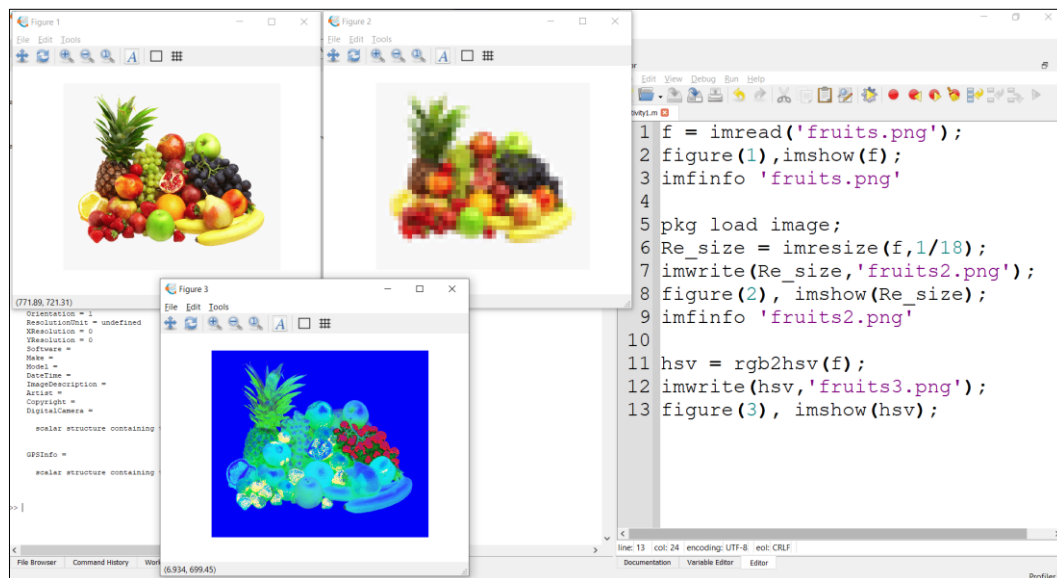1. Open the original image fruits.png and view it. What data type is it?

2. Reduce the spatial resolution of the original image. Using imwrite function, save it as fruits2.png

3. Convert from its color RGB image to HSV and save it as fruits3.png


```
1  f = imread('fruits.png');
2  figure(1),imshow(f);
3  imfinfo 'fruits.png'
4
5  pkg load image;
6  Re_size = imresize(f,1/18);
7  imwrite(Re_size,'fruits2.png');
8  figure(2), imshow(Re_size);
9  imfinfo 'fruits2.png'
10
11 hsv = rgb2hsv(f);
12 imwrite(hsv,'fruits3.png');
13 figure(3), imshow(hsv);
```

4. Save your codes in Octave editor and name them as exercise1.m

5. Send your program thru GitHub link. (Format of repository: <SurnameGivenName/CPEN111>)

LINK:

https://github.com/BugarinJustineFaith/CPEN111.git