Assignment-01
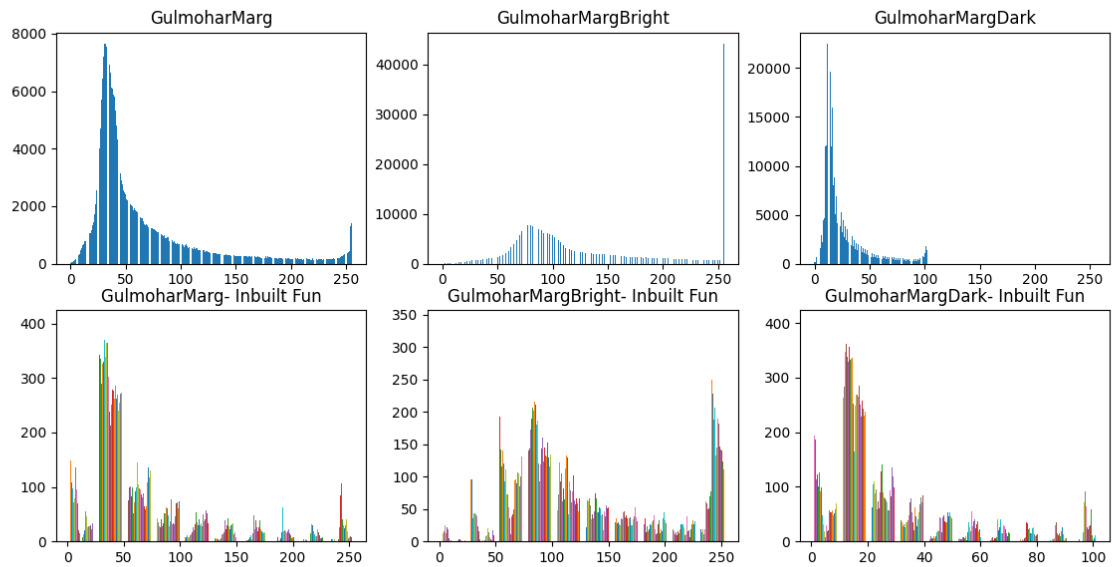
Digital Image Processing

Name: **Rohit Kumar**   Specialization: **MTech (A.I.)**   Reg. No.:**20963**
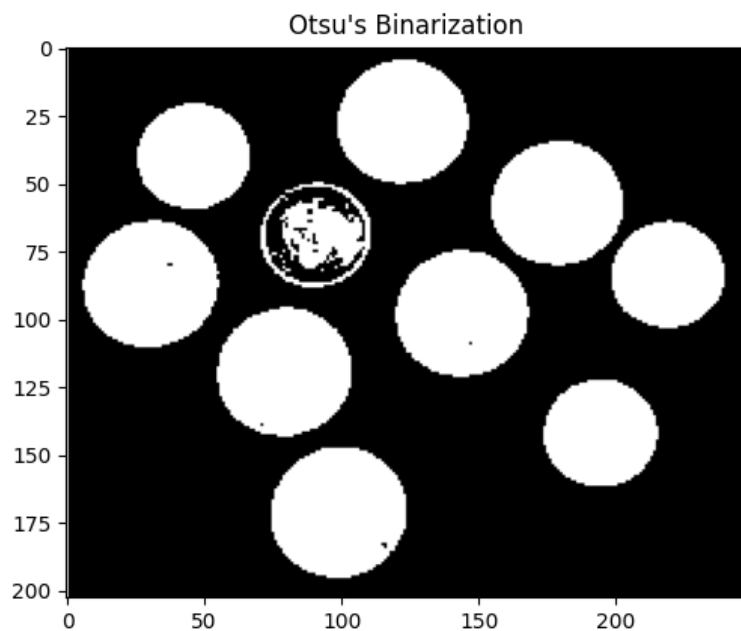
Question No.1:

Observation:

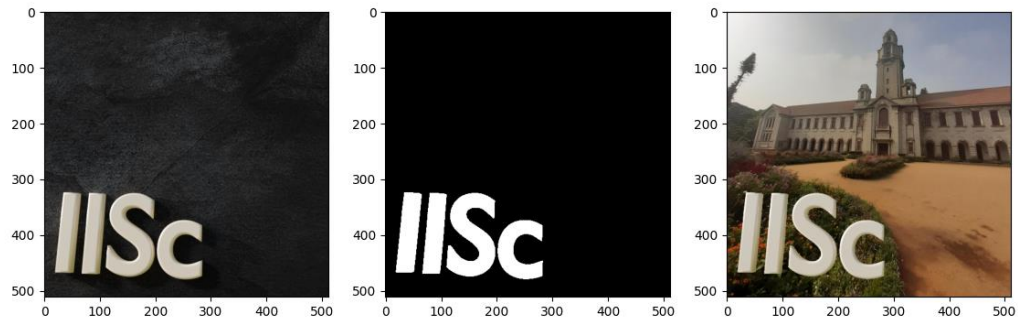Dark Image has higher densities at starting of histogram whereas brighter has nearer the end.

Question 2:

```
-----------------Otsu's Binarization----------------

                *****Coins.png*****

In-built thresh:125
Within thresh:125
Between thresh:125
Minimun of within variance is located at:125
Maximum of between variance is located at:125
```


Otsu's Binarization

Maximum of within variance and minimum of between variance is located at same place is verified.

Question 3:

Question 4:


```
------------Connected Component------------
No. of Shapes: 29
Number of Circle:19
```