

### Tugas 3

Nama : Nurfiana Agustina  
NIM : 200209500025  
Kelas : PTIK C 2020  
Mata Kuliah : Pengolahan Citra Digital

#### Soal:

1. Buat histogram citra 3 bit dibawah ini!

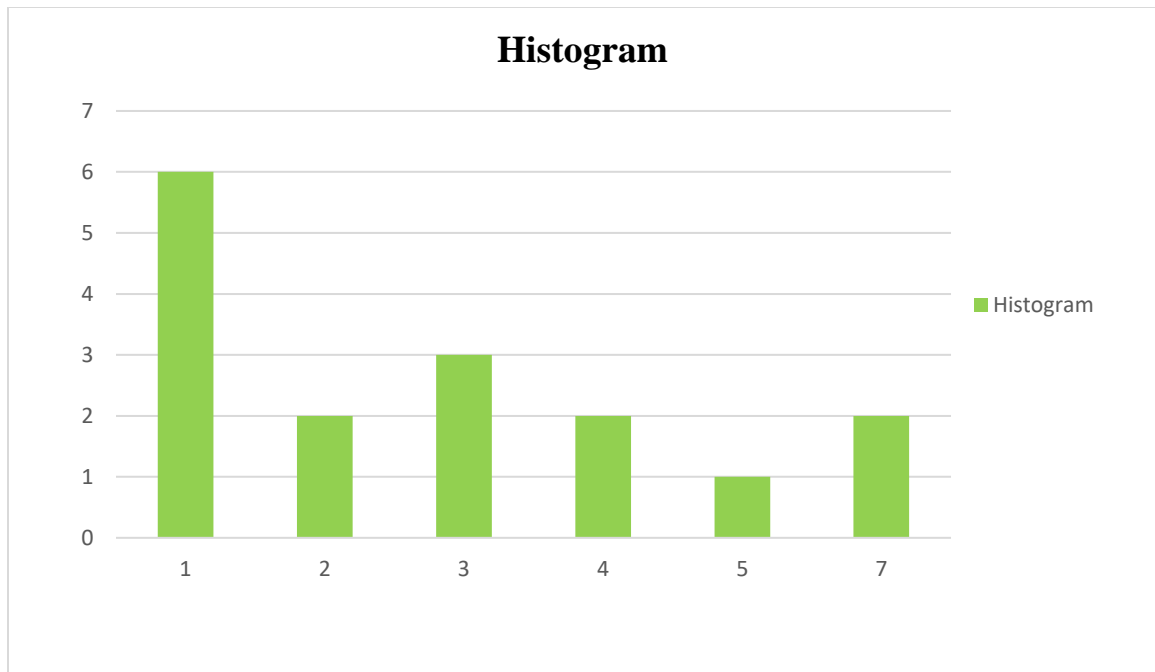
1	3	4	5
1	2	1	1
3	3	4	7
2	1	1	7

2. Cara distribusi komulatifnya (grafiknya ditampilkan)!
3. Lakukan proses histogram equalisasi (tuliskan matriks citra hasil equalisasinya)!

#### Jawab:

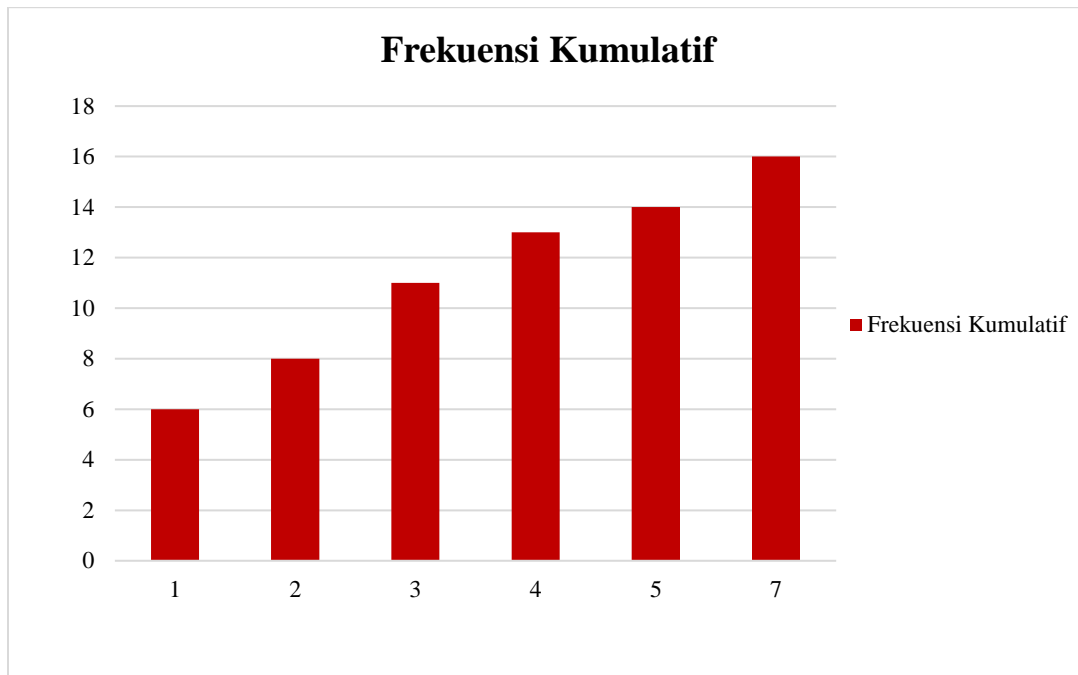
1. Histogram

w	Frekuensi
1	6
2	2
3	3
4	2
5	1
7	2



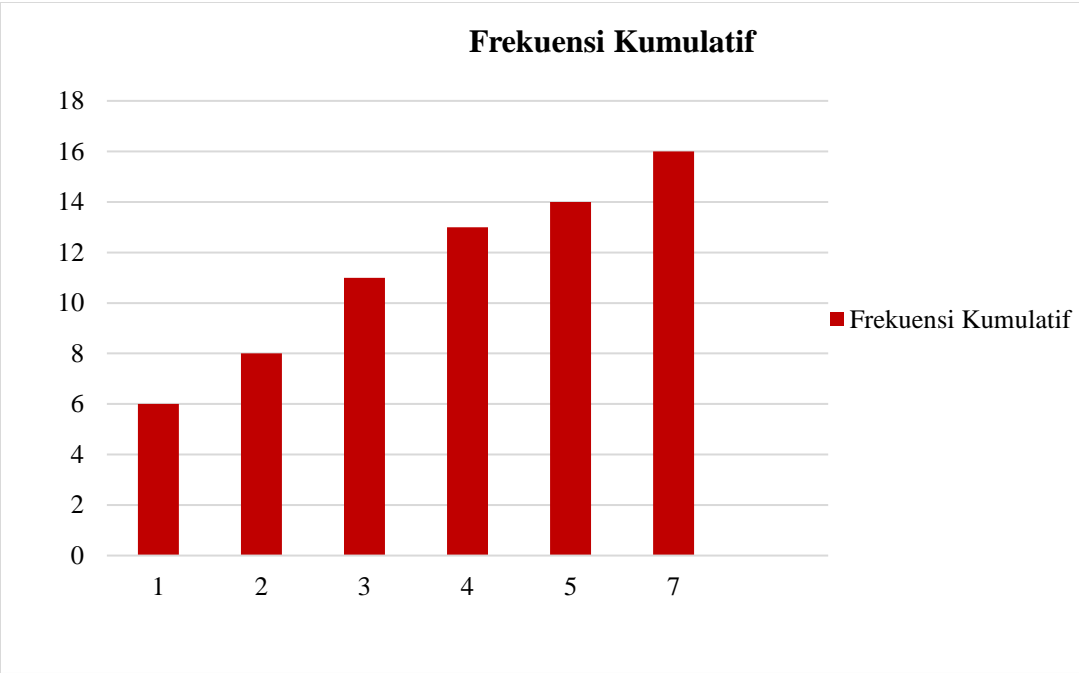
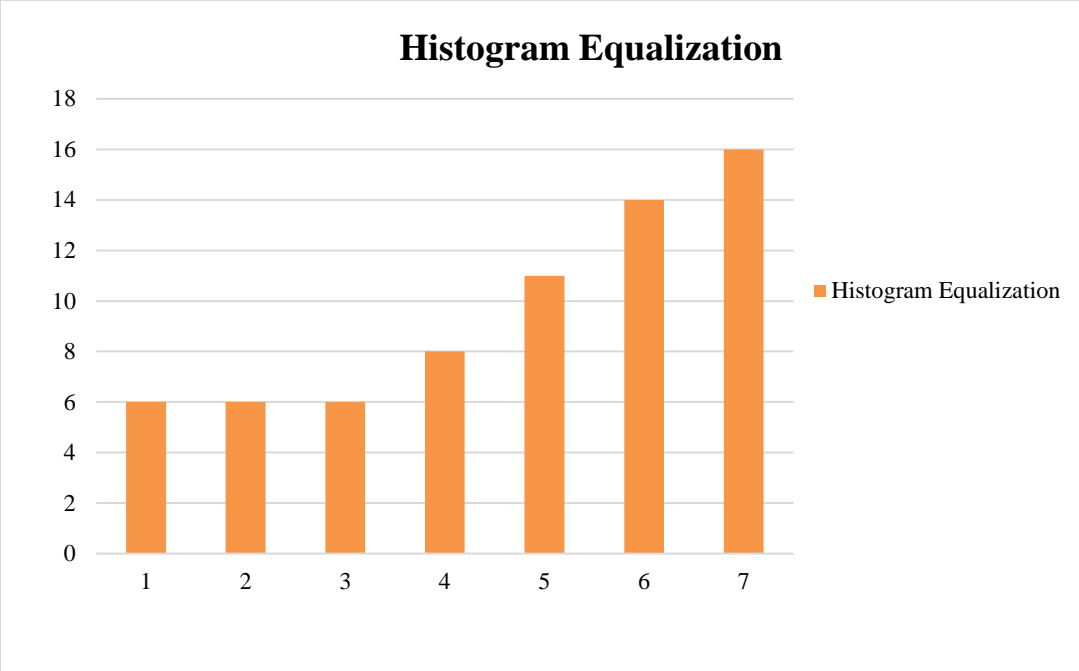
## 2. Distribusi kumulatif

w	Frekuensi	Fk (cw)
1	6	6
2	2	8
3	3	11
4	2	13
5	1	14
7	2	16



### 3. Distribusi kumulatif

w	cw	W baru
1	6	3
2	8	4
3	11	5
4	13	6
5	14	6
7	16	7



Citra Equalization

1	3	4	5
1	2	1	1
3	3	4	7
2	1	1	7