```
Nama: YOGA GALANG ISWARD.
KUS = 3A.
NPM = 221 30 20 266
       "Pengolahan Citra"
 Rumus Konversi Frayscale
  FRAY = (0.2989 x R) + (0.5870 x 5) + (0.1140 x B)
 1. Pixel (213, 80, 155)
       =(0.2989 *213) + (0.5870 × 80) + (0.1140 × 155)
       = 63.58 + 96.96 + 17.67
       = 127.89 ≥ 110 - Biner = 1
2. Pixel (24,60,122)
      = (0.2989×24) + (0.5870×60) + (0.1140×122)
      = 7.17 + 35.22 + 13.91
      = 53.57 < 110 - Biner = 0
3. Pixel (212, 9, 19
      =(0.2989×212)+(0.5870×9)+(0.1140×19)
      = 63.40 + 5.28 + 2.17
      = 67.59 < 110 - Biner = 0
A. Pixel (211, 200, 155)
     =(0.2989 x 211) + (0.5870 × 200) + (0.1140 × 155)
     = 63.12 + 117.40 + 17.67
         195.46 ≥ 110 -> Biner = 1
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5. fixel (153, 155, 154)
      = (0.2989 × 153) + (0.5870 × 155) + (0.1140 × 154)
      = 45.73 + 90.89 + 17.56.
      = 154.18 \ge 110 + Biner = 1
6. Pixel (8,8,100)
     =(0.2989×8) + (0.5870×8) + (0.1140×100)
     = 2.39 + 4.70 + 11.40
     = 19.82 < 110 - Biner = 0
7. Pixel (213, 222, 12)
     = (0.2989 × 213) + (0.5870 × 222) + (0.1140 × 12)
     = 63.69 + 130.31 + 1.37
    = 195.37 > 110 -0 Biner = 1
8. Pixel (15,25,155)
    =(0.2989 x 15)+(0.9870 x 25)+(0.1140 x 155)
    = 4.48 + 14.68 + 17.67
    = 36.83 < 110 -> Biner = 0
9 Pixelle (143, 100,123)
    = (6.2989×143) + (0.5870×100) + (0.1140×123)
    = 12.73 + 50.70 + 14.02
    = 115.45 = 110 - Biner = 1
```

