```
Tomi Setiawan
     : 2213020057
Soal Nomor 3.
  Bust Index Schap pixel burdasar Color Pallete
                        212,9,19
              24,60,122
    213, 80, 155
                        8,8,100
              159, 195, 194
    211, 200, 195
                        143,100, (23)
              15,25,155
    213, 222, 12
    Collor pallete .
  7 Warm ham (0) = (kGB: 0.0,0)
  -7 Warna murah (1) = ( p6B: 255,0,0)
  .7 Warns Hylau (2) = (REB: 0,255,0)
  ·7 Warns Bir (3)= (868:0,0,255)
Pixel (1,1) = (213, 80, 155)
=7 Hitam (0)^2 = \int (212-0)^2 + (80-0)^2 + (155-0)^2
           = 145369 + 6400 + 24025
              75799
              275,30
             1 (213-255)2 + (80-0)2+ (155-0)2
 =7 Merah (1) =.
              1764 + 6400 + 29025
              32189
           · 179, 41,
           · / (213-0)2 + (80-255)2 + (155-0)2
               45369 + 30625 + 24025
                100019
            2 316,25
                (213-0)2 + (80-0)2 + (155-255)2
                 95369 + 6400 + 10000
                161769
               248,53
```

```
Pixel (1,2) = (29,60,122)
 => Hitam (0) = \int (24-0)^2 + (60-0)^2 + (122-0)^2
              19060
             138,051
           = (24 - 255)^2 + (60 - 0)^2 + (122 - 0)^2
 =7 Merah (1)
            · 153361 + 3600 + 14884
            = 171845
                     = 260,03
  => Hijau (2)
            · / (29-0)2 + (60-255)2 + (122-0)2
            = 1576 + 38025 + 14889
            = / 53485
               231,26
                                   27 Biru (3)
            \int (24-0)^2 + (60-0)^2 + (122-255)^2
            · 1 576 + 3600 + 17689
            · 1 21 865
       = 147,86
 Mixel (1,3) = (212,9,19)
 => Hitam (0) = \sqrt{(212-0)^2 + (9-0)^2 + (19-0)^2}
           · / 44944 + 81 + 361
                             - J 45386
             213,03
 =7 Merah (1)
           = /(212-255)2+(9-0)2+(19-0)2
           = /1849 + 81 + 361
           = 12291
            17,85
 => Hijau (2)
           = /(212-0)2 + (9-255)2 + (19-0)2
           = 1 44944 + 60516 + 361
              105821
              325,31
 = > Btru (3)
           =\sqrt{(212-0)^2+(9-0)^2+(19-25t)^2}
```

```
Pixel (2,1) = (211,200,155)
  => HItam (0) = / (211-0) + (200-0) + (159-0) =
              · V 44521 + 40000 + 24025
              = 1100546
              = 329,47
  => Moral (1) = / (211 - 255) + (200 - 0) + (155 - 0)
                        + 10000 + 24025
                 165961
               256,04
               = (211-0)2 + (200 - 255)2 + (155 -0)2
  => Hi)au (2)
               = / 44521 + 3025 + 24025
                267,53
             =\sqrt{(211-0)^2+(200-0)^2+(155-255)^2}
  =7 Bin (3)
              - / 14521 + 40000 + 10000
                 307, 47
Pixel (2,2)
             2 (153, 155, 154)
 => Hitam (0) = /(153-0)2+ (155-0)2+ (154-0)2
             = 1 23409 + 24025 + 23716
                 71150
                266,00
 => Meral (1) = /(152 - 255)2 + (155 -0)2 + (154 -0)2
             = /10404 + 24025 + 23716
             = /58145
                                     12117
                241,15
           · ((153-0)2+(155-255)2+(154-0)2
=> H1) au (2)
             - / 23409 + 10000 + 23716
                57 125
                240 /
            , /(153-0)2+(155-0)2+(154-255)2
=> Biru (3)
                23,400 + 24025 + 10201
                20,2
```

```
(0-0) + (8-0) 2 + (100-0)2
                100,64,
              161009 + 64 + 10000
                71073
               266,50
-D Hijau (2)
            = / (8-0)2+(8-255)2+(100-0)2
                6A + 60009 + + 10000
               J71073
               266,59
          = V (8-0)2+(8-0)2+(100-255)2
                 64 + 64 + 24025
                158,43
           2 (213,222,12)
              (213-0)2 + (222-0)2 + (12-0)2
              45369 + 49284 + 144
               94797
               307, 90
           · / (213 - 256)2 + (222 - 0)2 + (12 -0)2]
=> Merah (1)
                1764 + 40284 + 144
                51192
                226,27
           = \[ \langle (213 -0)^2 + \langle (222 -255)^2 + \langle (12 -0)^2
                 45369 + 1089 + 144
                 46600
                215,87
=> Bin (3)
              /(213-0)2+(222-0)2+(12-250)2
                 45369 + 19284 + 59049
```

```
(15-0) + (25-255) + (155-0)
-> Hi)au (2)
                 225 + 52900 + 24025
                 77150
                 277,74
             · ((152-0) + (25-6) + (155-255)
=> Biru (3)
                  225 + 625 + 10000
                  104, 17/
           · / (143 -0)2 + (100 -0)2 + (123 -0)
                 20449 + 100000 + 15129
                145578
                  213,50
            = /(143-255)2 + (100-0)2+ (123-0)2
-> Mural (1)
                  12 544 + 10000 + 15 129
                   37673
                   104,101
                  (143-0)2 + (100-255)2 + (123-0)2
 => Hijau (2)
                   20449 + 24025 + 15129
                  59603
                  244,15
               [(143-0)" + (100-0)" + (123-255)2
                            10000 + 17424
                   20449 +
```