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Soal : 1

213.80.155	24.60.122	212.9.19	
211.200.155	153.155.154	8.8.100	
213.222.12	15.25.155	143.100.123	

Menghitung konversi Grayscale setiap pixel :

Grayscale : $0.299 * R + 0.587 * G + 0.114 * B$

$$F(0.0) : 0.299 * 213 + 0.587 * 80 + 0.114 * 155 = 128.32$$

$$F(0.1) : 0.299 * 211 + 0.587 * 200 + 0.114 * 155 = 198.29$$

$$F(0.2) : 0.299 * 213 + 0.587 * 222 + 0.114 * 12 = 195.37$$

$$F(1.0) : 0.299 * \underset{24}{\cancel{213}} + 0.587 * \underset{60}{\cancel{80}} + 0.114 * \underset{122}{\cancel{155}} = \underset{122 = 56.30}{\cancel{128.32}}$$

$$F(1.1) : 0.299 * 153 + 0.587 * 155 + 0.114 * 154 = 66.69$$

$$F(1.2) : 0.299 * 15 + 0.587 * 25 + 0.114 * 155 = 36.87$$

$$F(2.0) : 0.299 * 212 + 0.587 * 9 + 0.114 * 19 = 70.87$$

$$F(2.1) : 0.299 * 8 + 0.587 * 8 + 0.114 * 100 = 17.92$$

$$F(2.2) : 0.299 * 143 + 0.587 * 100 + 0.114 * 123 = 115.48$$