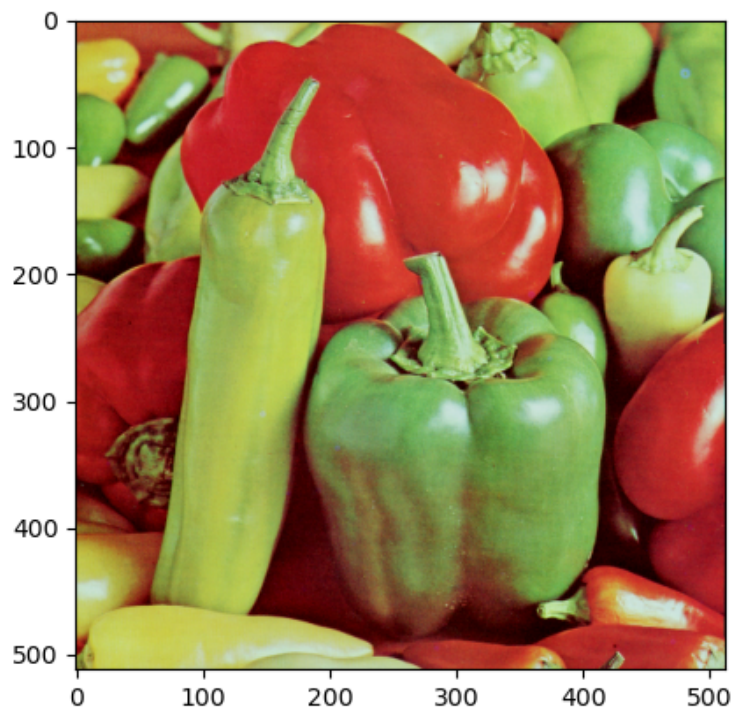


# ps3-5-solve

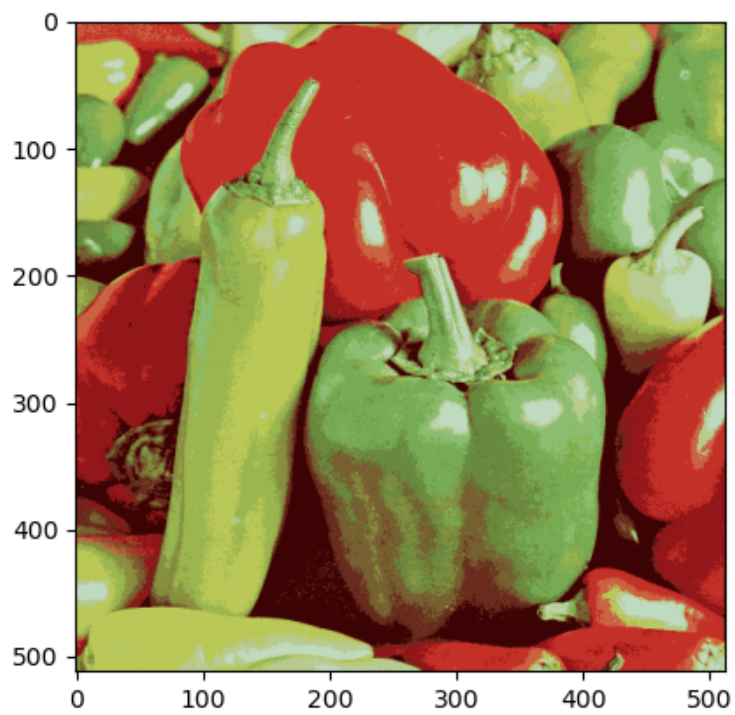
June 4, 2021

## 1 (a)

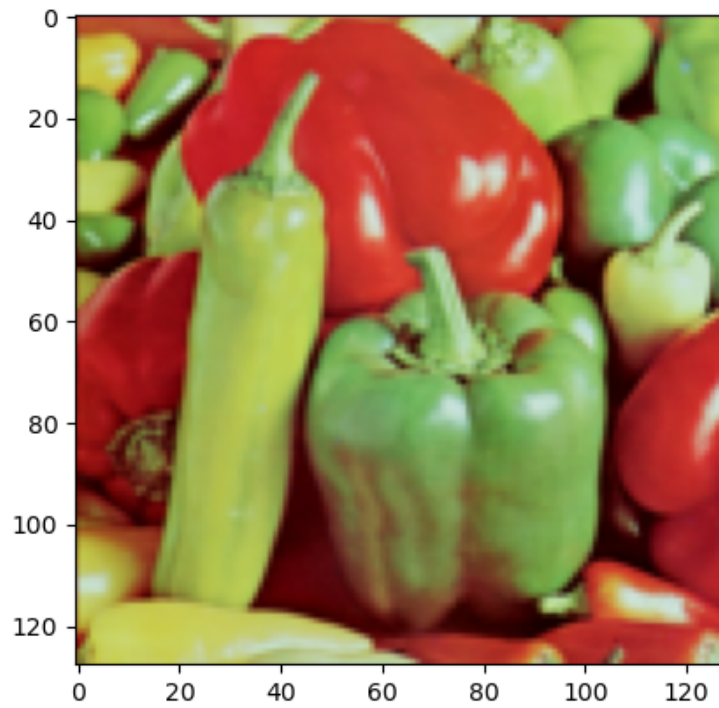
peppers-large.png



peppers-large-compressed.png



peppers-small.png



## 2 (b)

After compressed, each pixel has only 16 colors, that means image represented in 4-bit color. ( $\log_2 16 = 4$ )

$\frac{24}{4} = 6$ , so the factor is 6.