1. Read Image



1. Convert Image to YCbCr space



1. Save image in png and capture size.



Graphical user interface, application, table, Word

Description automatically generated

1. Apply DCT Compression in 4, 8, 16

**DCT 4**

****

Qr code

Description automatically generated

**DCT 8**

****

**Qr code

Description automatically generated**

**DCT 16**



Shape, square

Description automatically generated

1. Save the result image in png

Graphical user interface, application

Description automatically generated

1. Compare the image sizes and resolution.



A picture containing indoor, black, egg, dark

Description automatically generatedA picture containing black, dark, egg

Description automatically generatedA close-up of the moon

Description automatically generated with medium confidenceResult 8 Result 4 Result 16