

**File:** Report

**Question:** 2 (Assignment 2)

**Date:** 27 February,2019

**a)**

When the L size increases, less compression is done to image. So, sending the image needs more bytes. On the other hand, when the L size decreases, more compression so less bytes needs.

Quality of Quantization	Bytes use
8	1048576
7	1012736
6	767488
5	555008
4	375296
3	228352
2	114176
1	32768

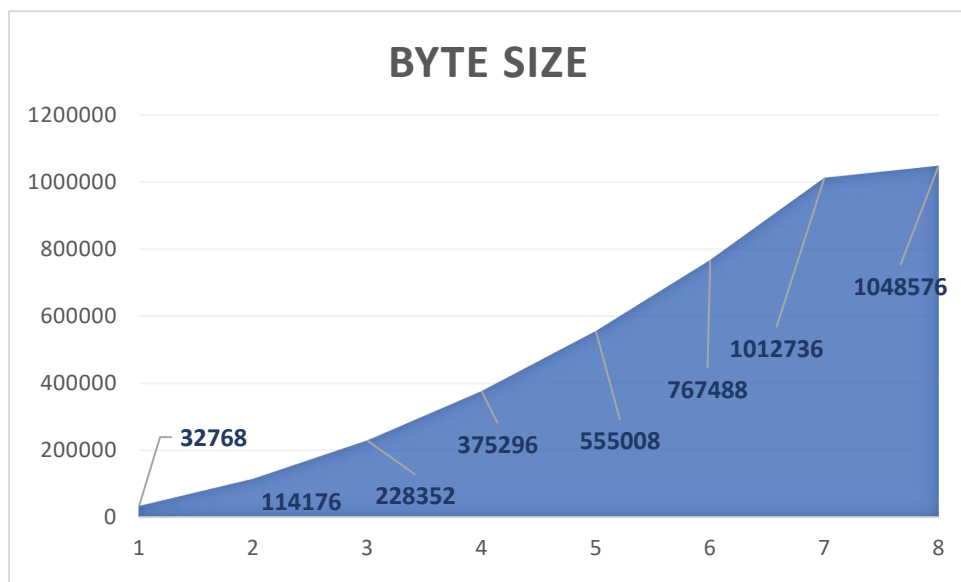


Fig: As L increase the client needs more bytes to send the image to server

b)

When the L size increases, less compression is done to image. So, mean square error decreases. On the other hand, when the L size decreases, more compression so mean square error increases.

Quality of Quantization	Mean Square error
8	17841.1758
7	17841.3242
6	17841.5277
5	17841.8100
4	17842.2571
3	17842.9153
2	17842.1246
1	17846.9152

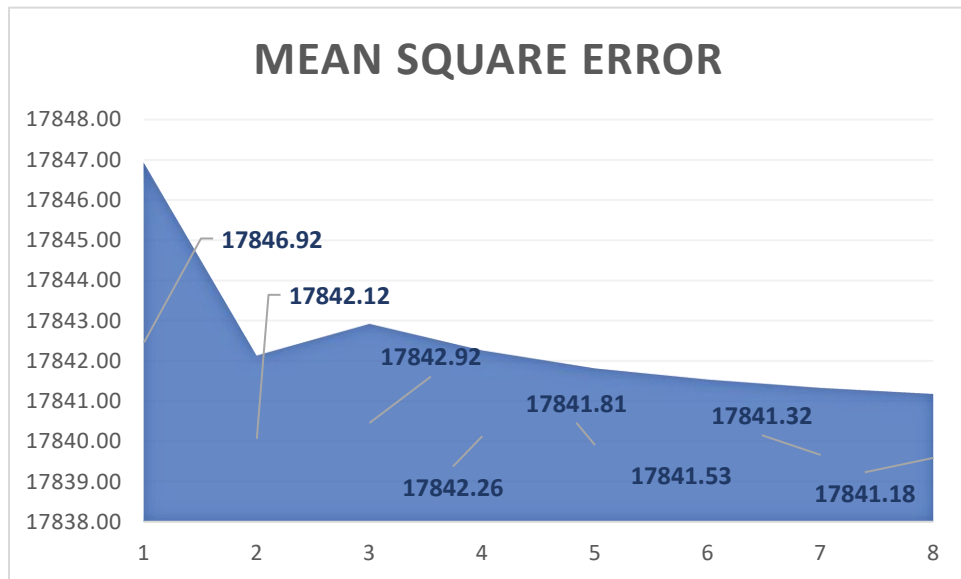


Fig: As L increase the mean square error decreases