ousider a gray image of Size MXN over gray spectrum [b, p], p, P both & nonnegative inlegers with \$ < P., Convert it into an image of same size over gray spectrum [q, Q], q, Q both nonnegative rinlegers with q < Q. Fuither, Q & Pand q> b. Given that $\frac{Q}{P} = \frac{q}{p}$, detrmine the degree of Compression. Degree of compression i of a transformes image g(x, y) over the original rinage f(x, y) is $\frac{\int (x,y) - g(x,y)}{\int (x,y)}$, laken over the entre image