

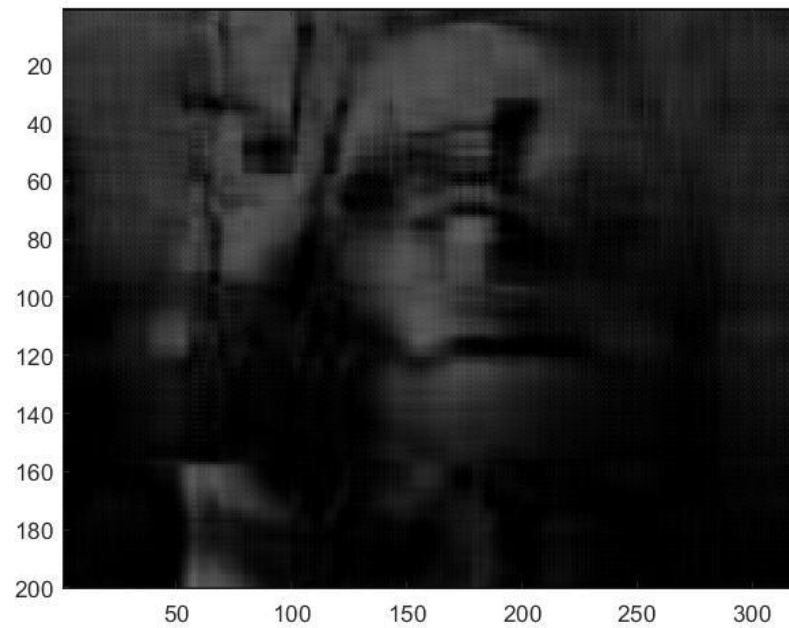
Lab Sheet 6

Question 2

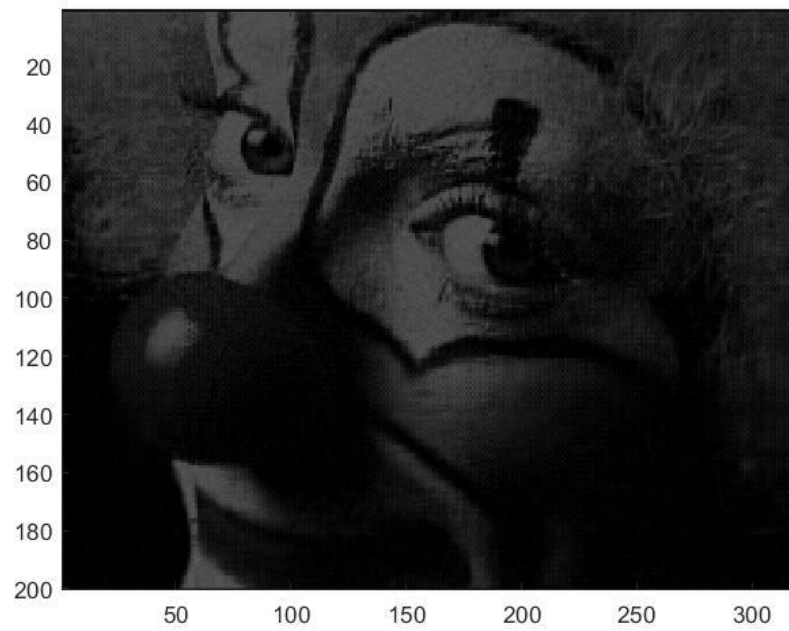
k	Compression	Error
10	0.8125	0.076621
20	1.625	0.040313
30	2.4375	0.027351
40	3.25	0.022279
50	4.0625	0.019189
60	4.875	0.016704
70	5.6875	0.014684
80	6.5	0.013315
90	7.3125	0.011749
100	8.125	0.010434
110	8.9375	0.0094439
120	9.75	0.0083226
130	10.563	0.0073195
140	11.375	0.0063843
150	12.188	0.0054823
160	13	0.0046985
170	13.813	0.0038497
180	14.625	0.003091
190	15.438	0.0023522

Some images for a visual representation of the above observations:

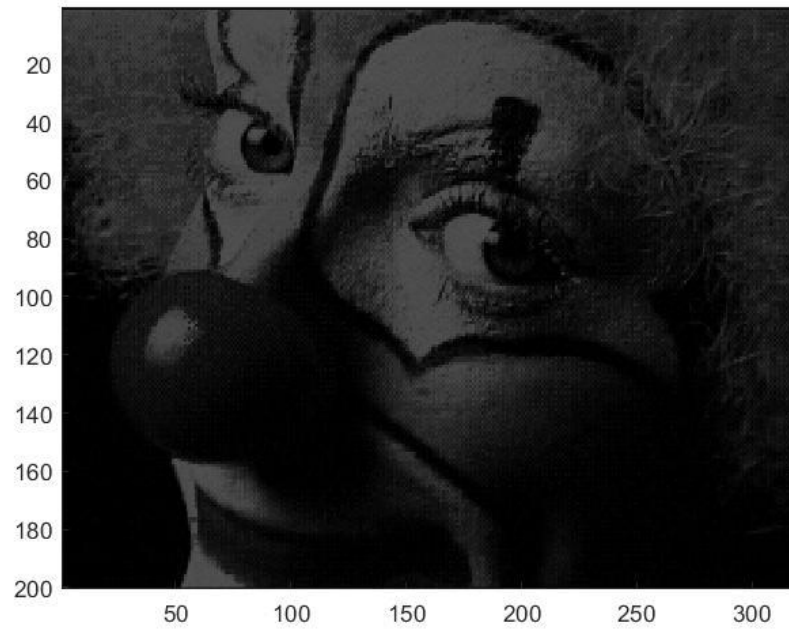
For $k = 10$



For $k = 50$



For $k = 100$



For $k = 190$

