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|  | Phase 1 | Phase 2 |
| Muhammad Essam | * Blockify * Debloclify * DCT * Quantizer * Dequnatizer * Calc compression ratio * Zigzag transform * Inverse zigzag transform | * BPSK Tx * BPSK Rx * AWGN Channel * Some utils * Communication link |
| Ahemed Samy | * Run-length encoder * Run-length decoder * Arithmetic encoder * Arithmetic decoder | * Channel encoder * Some utils (a lot of utils) |
| Youssef Alaa | * Huffman encoder * Huffman decoder | * Viterbi decoder |