

An 8-bit byte with binary value 10101111 is to be encoded using an even parity Hamming code. What is the binary value after encoding?

Check Bit	Data Bits
1	3, 5, 7, 9, 11
2	3, 6, 7, 10, 11
4	5, 6, 7, 12
8	9, 10, 11, 12

1 0 1 0 0 1 0 0 1 1 1 1
— — — — — — — — — — — —
1 2 3 4 5 6 7 8 9 10 11 12

101001001111