

Test case #1:

Input: ABEFFFF

Conversion to binary: 10101011110111111111111111

After bit stuffing: 10101011110011110111101111101

After bit unstuffing: 10101011110111111111111111

Output: ABEFFFF

Test case #2:

Input: 7A1

Conversion to binary: 011110100001

After bit stuffing: 011110100001

After bit unstuffing: 011110100001

Output: 7A1

Test case #3:

Input: FFFFFFFF

Conversion to binary: 1111111111111111111111111111

After bit stuffing: 111110111101111011110111101111011

After bit unstuffing: 1111111111111111111111111111

Output: FFFFFFFF