Output:

User 1 Original Data: 11110111010011111010010110010

10100110010101111110110100010100101100

001011110111000100100100000101110

User 1 Decoded Data:1

User 2 Original Data: 10101010000010001000101101111

11110110011000010000101100110100100010

110111011001100110101101010001000

User 2 Decoded Data: 1

User 3 Original Data: 00011111011000111111110100000

00000100000010011010111010001001010010

011110010111011000010111010011110

User 3 Decoded Data: 1

User 4 Original Data: 11101100101110010000110001101

01010010000010000110111000000010111111

110010000110010000111101100100100

User 4 Decoded Data: 1