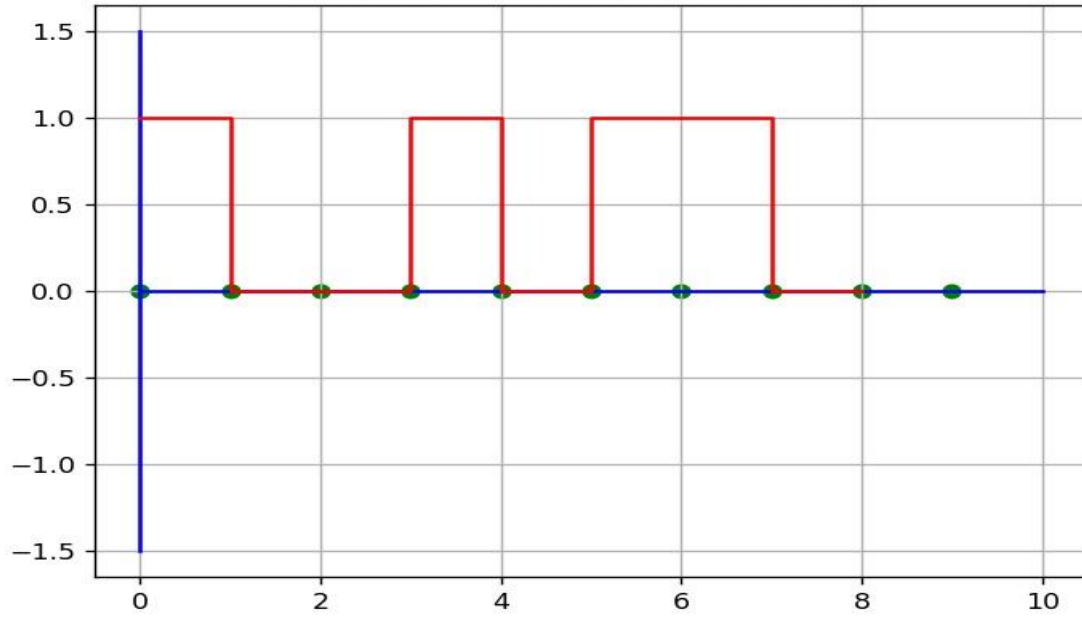
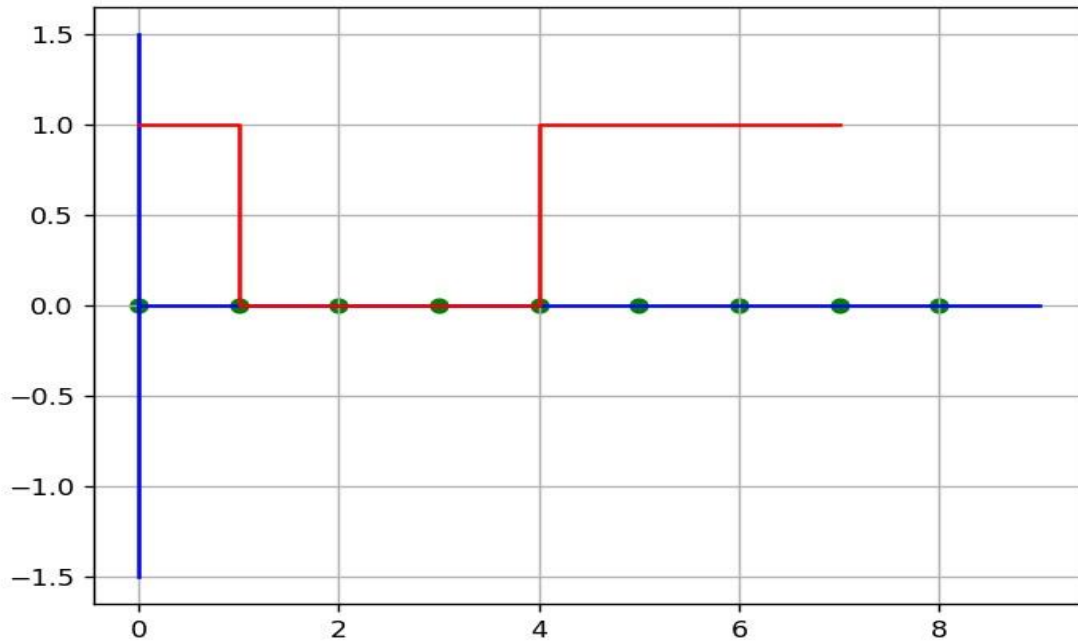
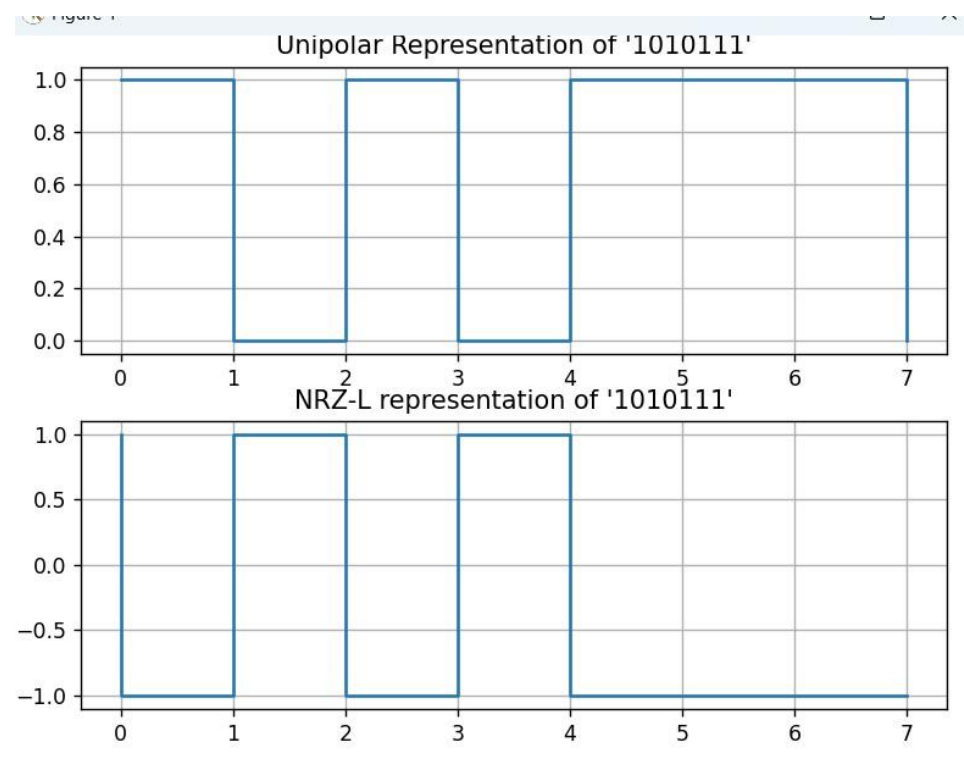
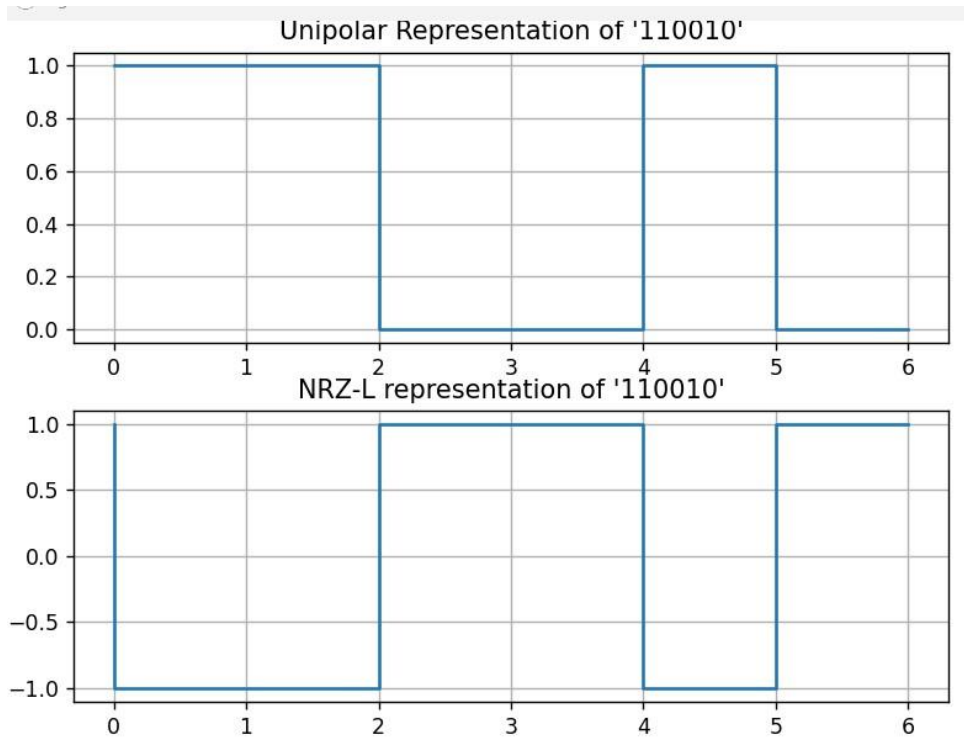


Unipolar Representation :10010110

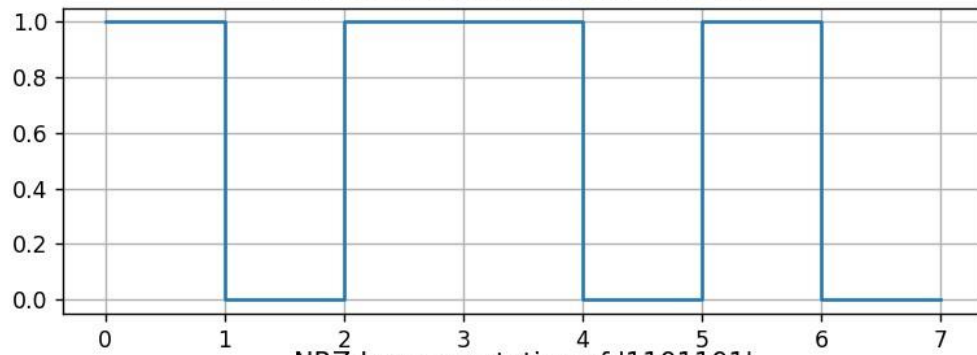


Unipolar Representation :1000111

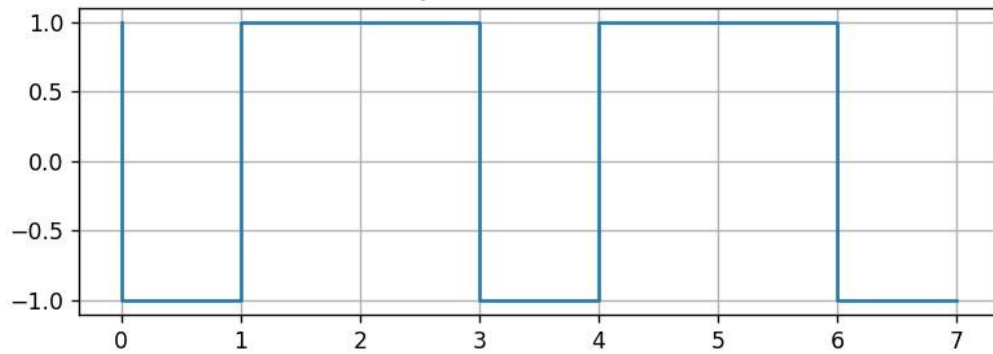




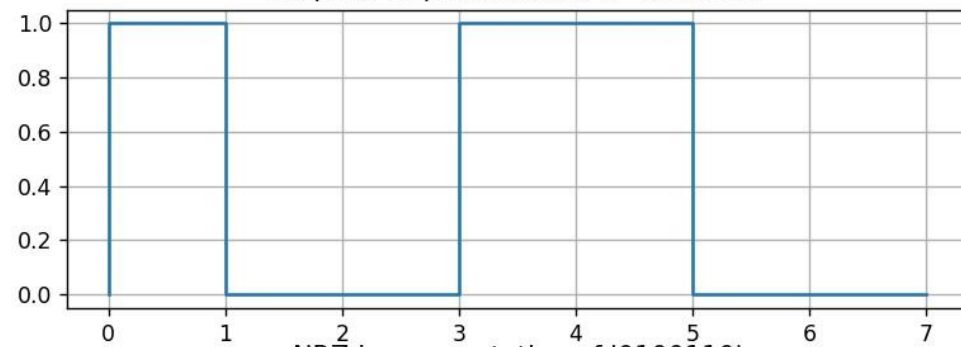
Unipolar Representation of '1101101'



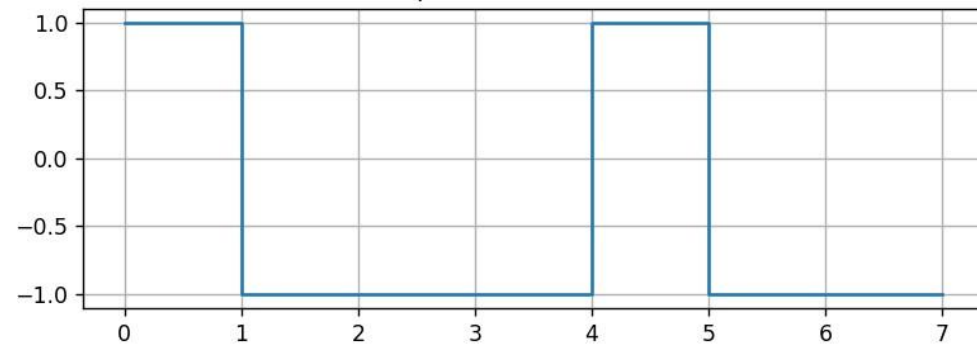
NRZ-I representation of '1101101'



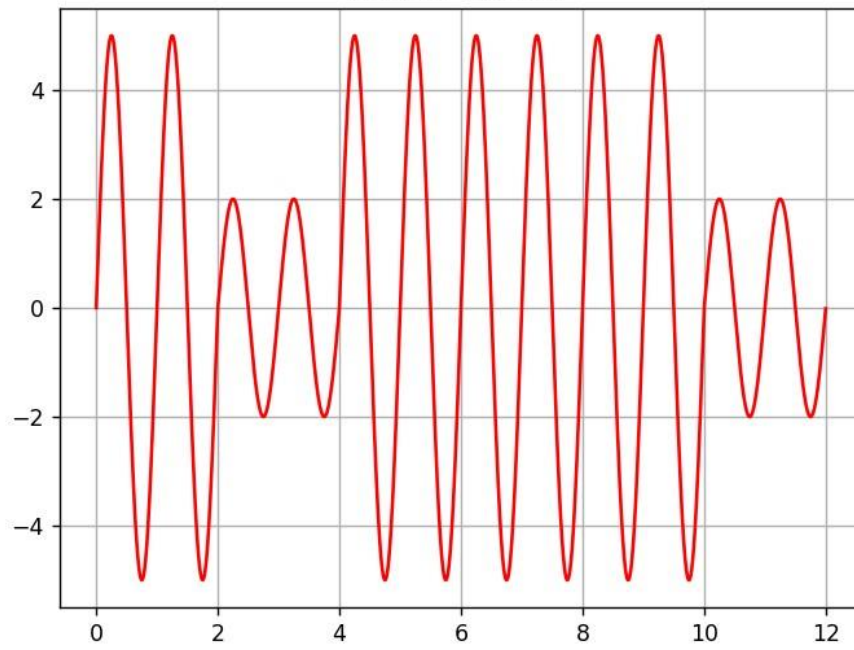
Unipolar Representation of '0100110'



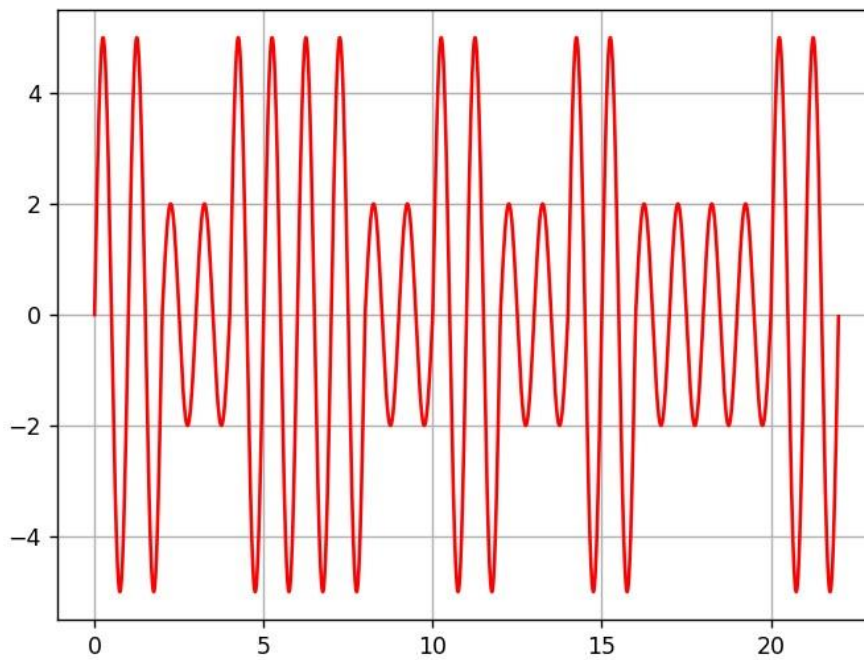
NRZ-I representation of '0100110'



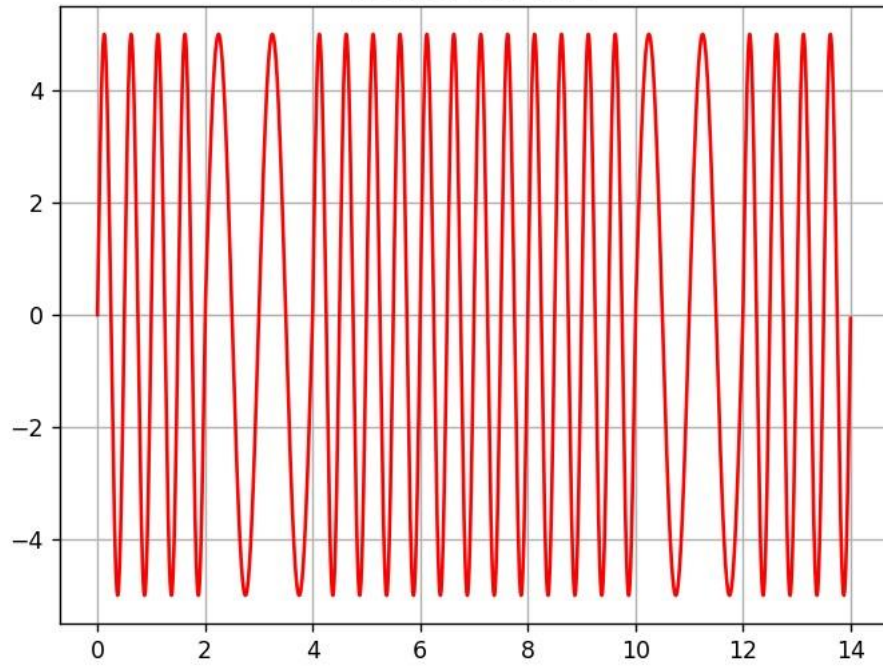
ASK for 101110



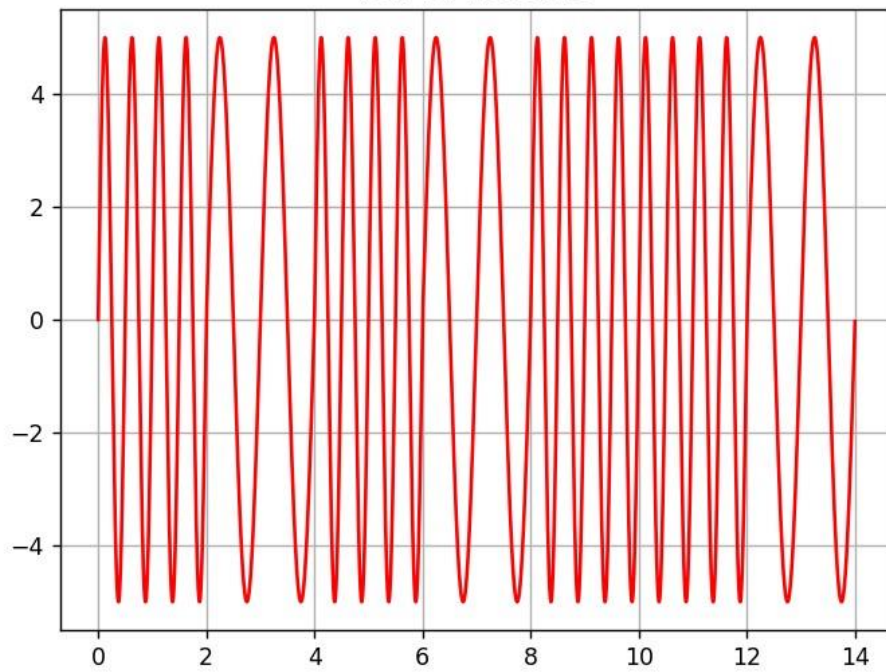
ASK for 10110101001



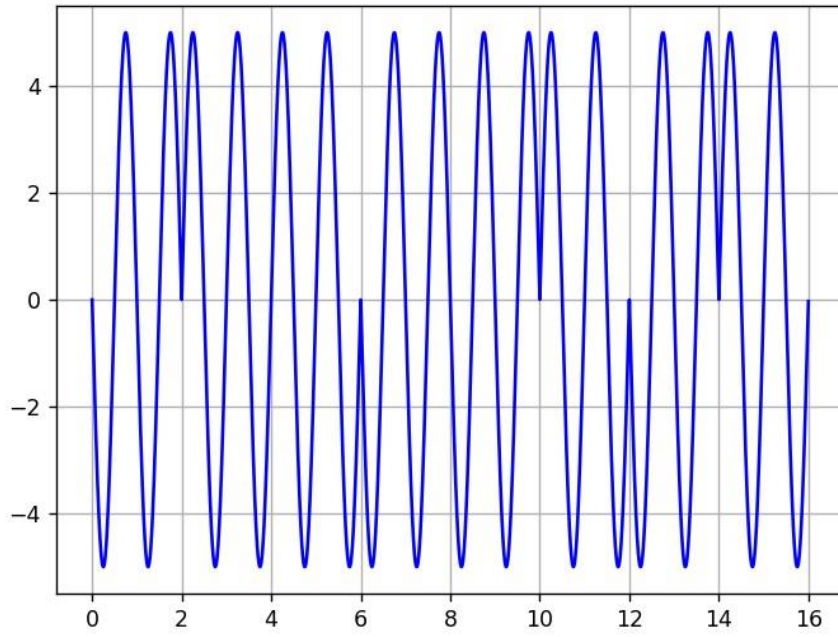
FSK for 1011101



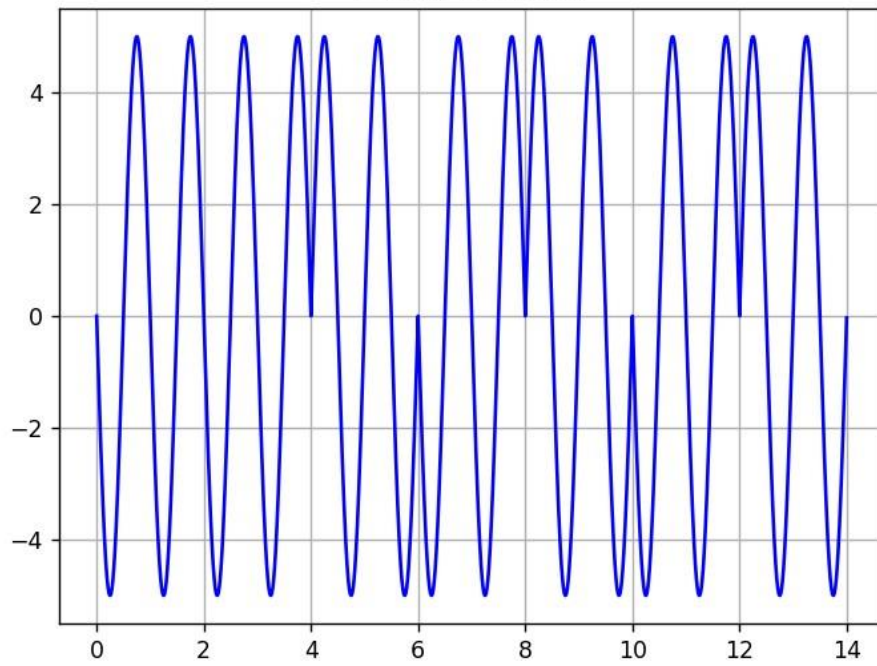
FSK for 1010110



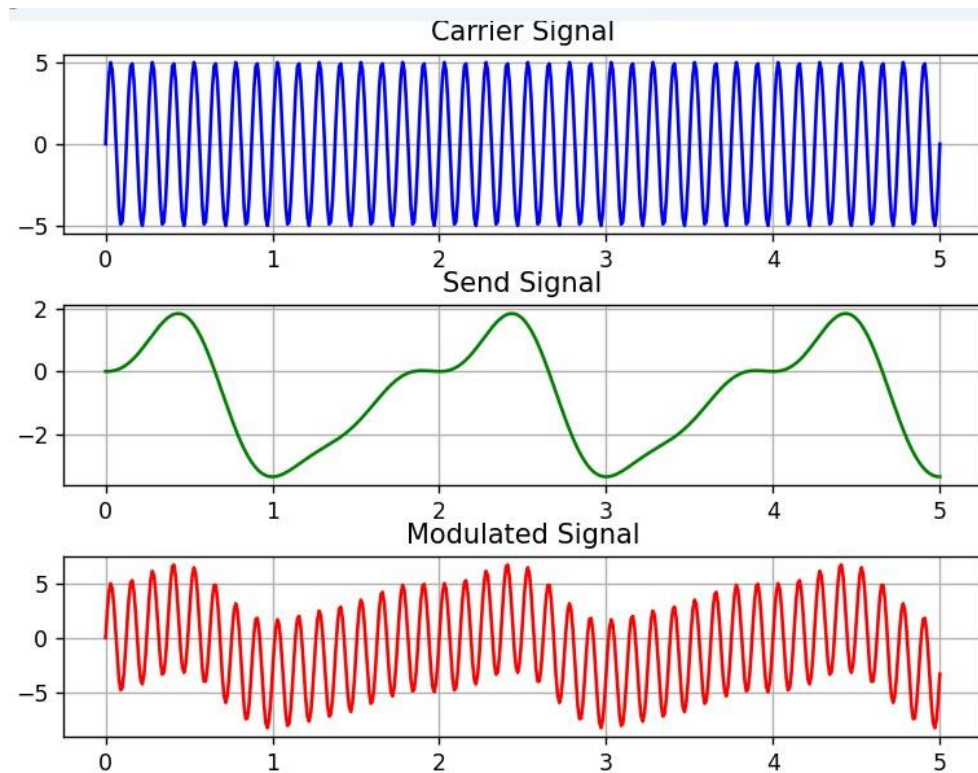
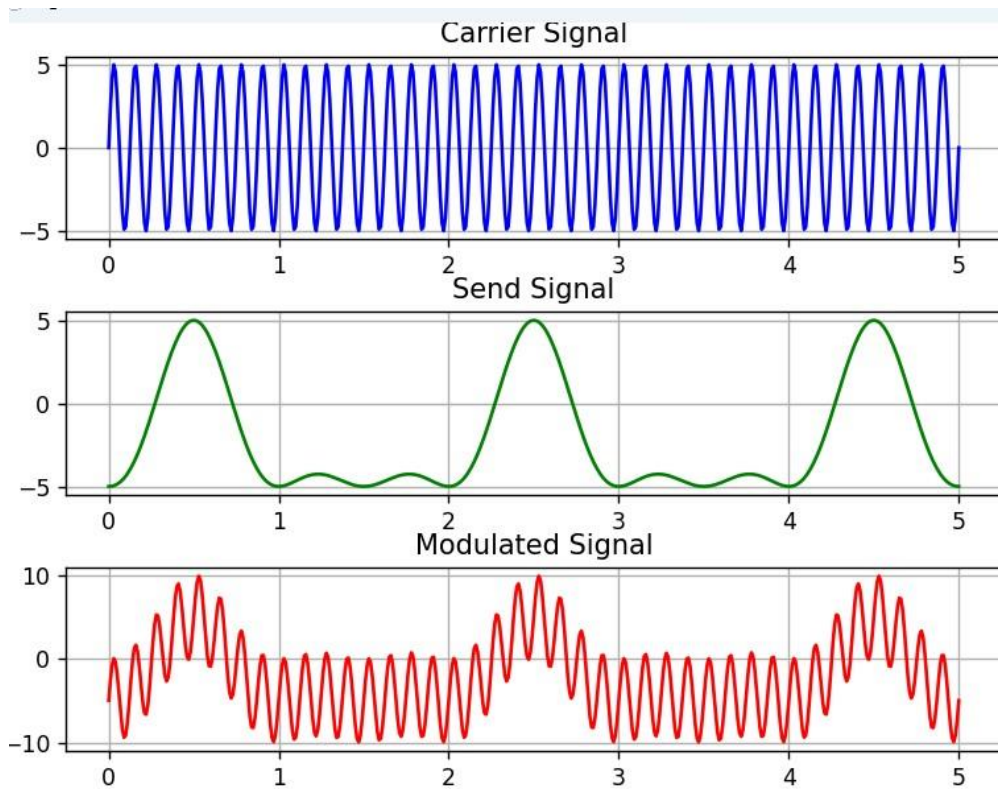
PSK for 10011010

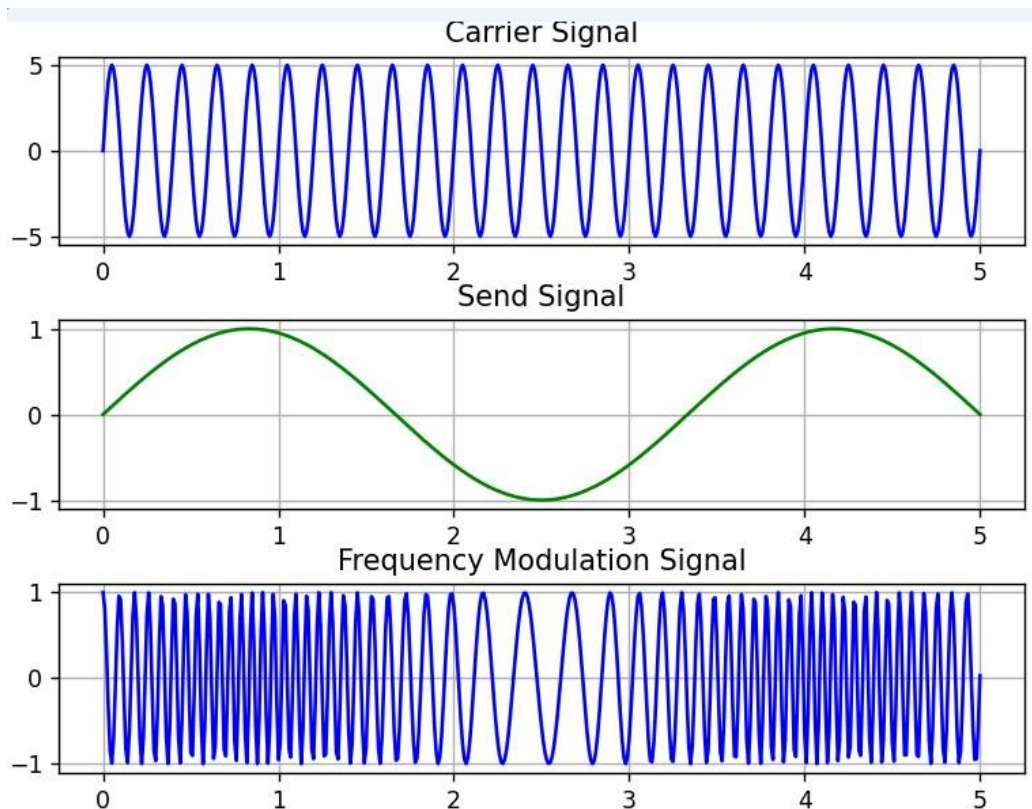
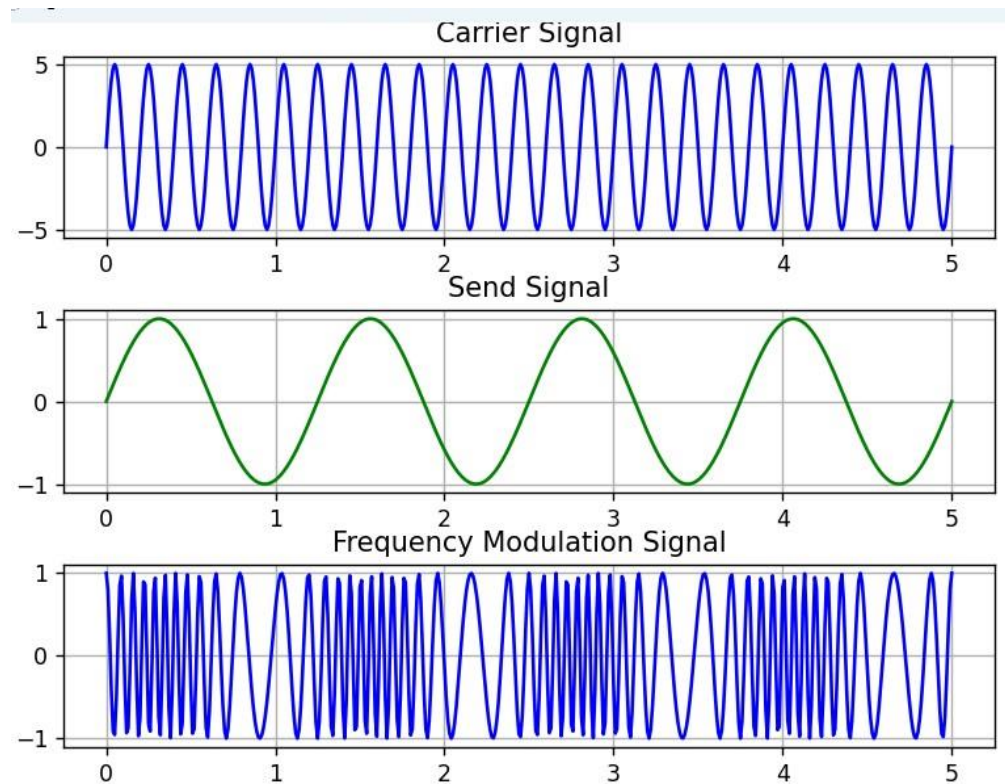


PSK for 1101010



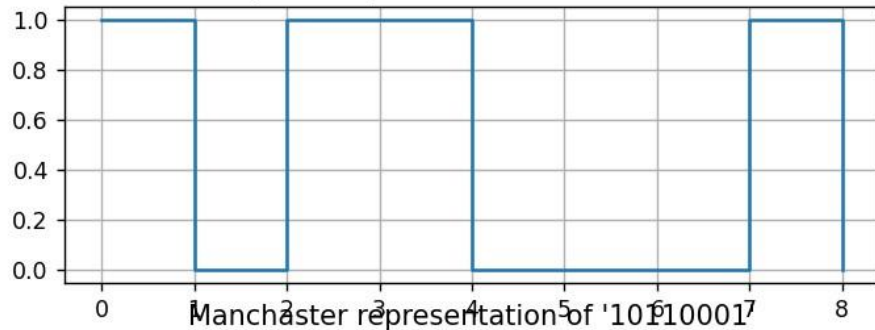




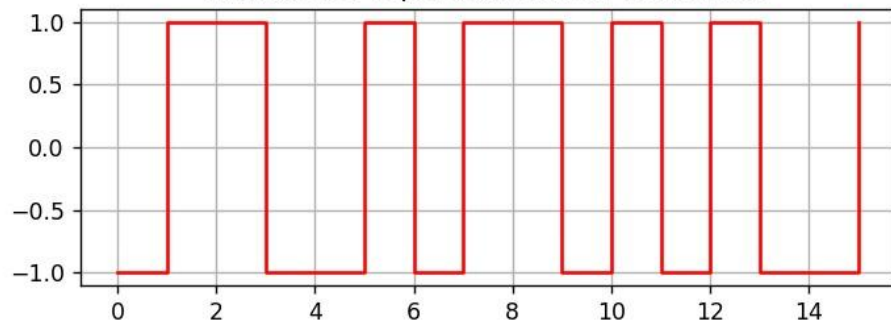




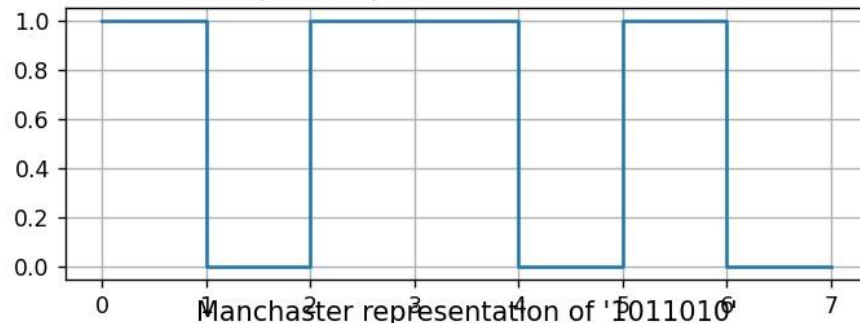
Unipolar Representation of '10110001'



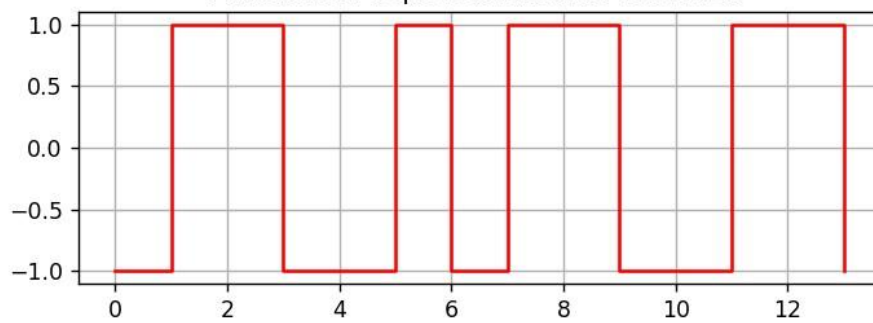
Manchester representation of '10110001'

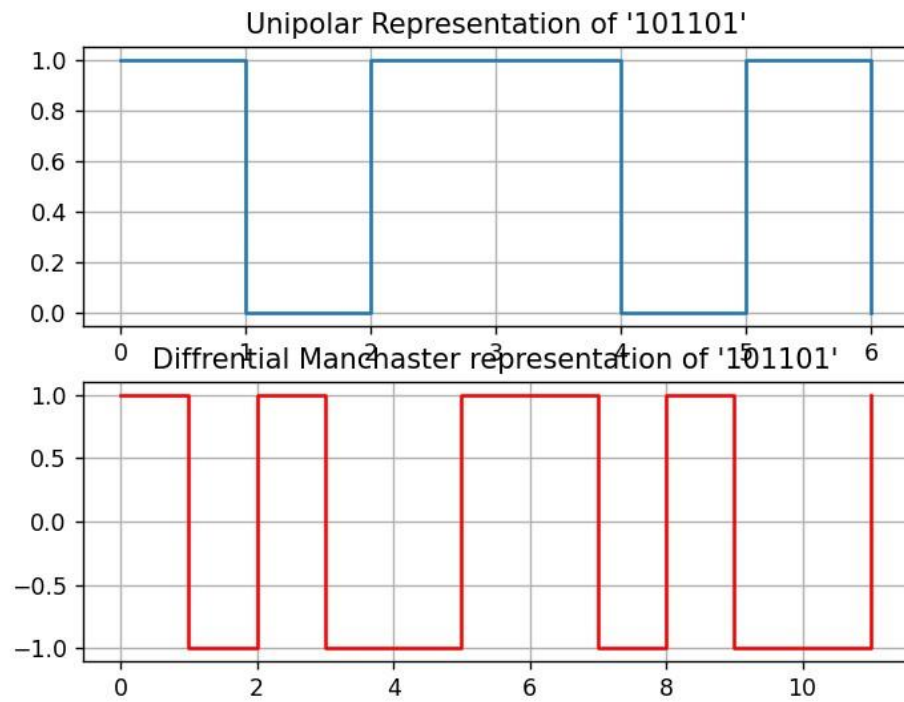
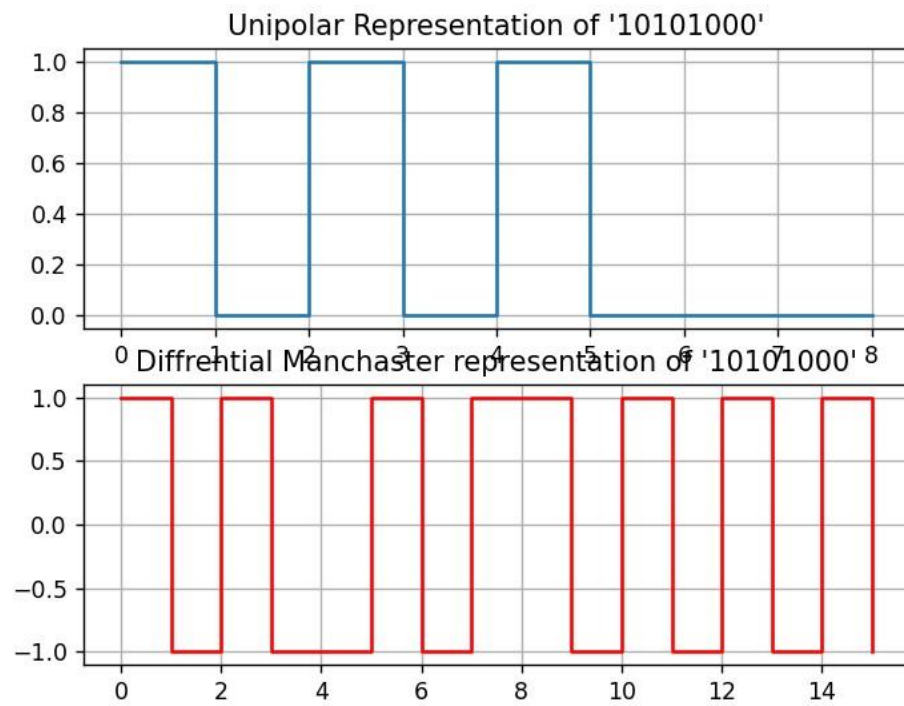


Unipolar Representation of '1011010'

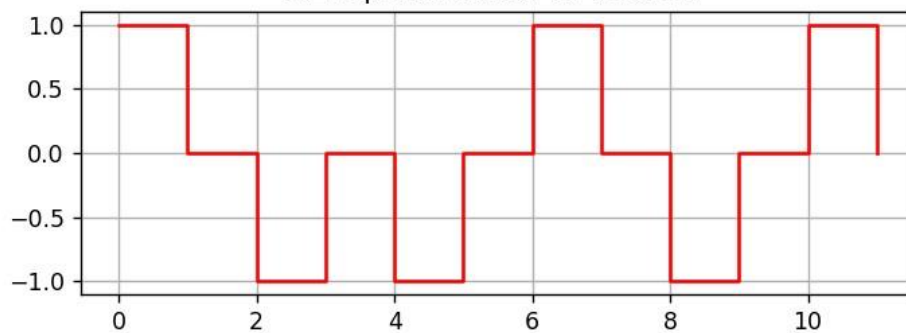
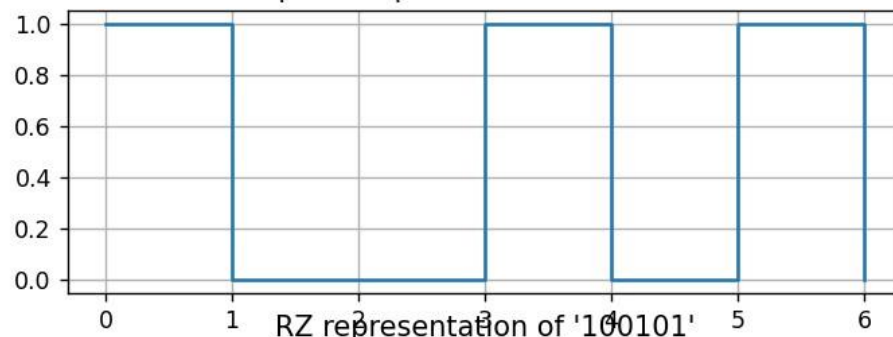


Manchester representation of '1011010'

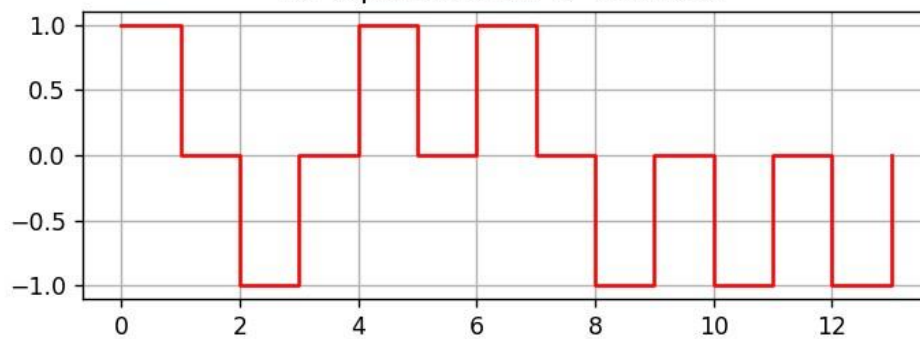
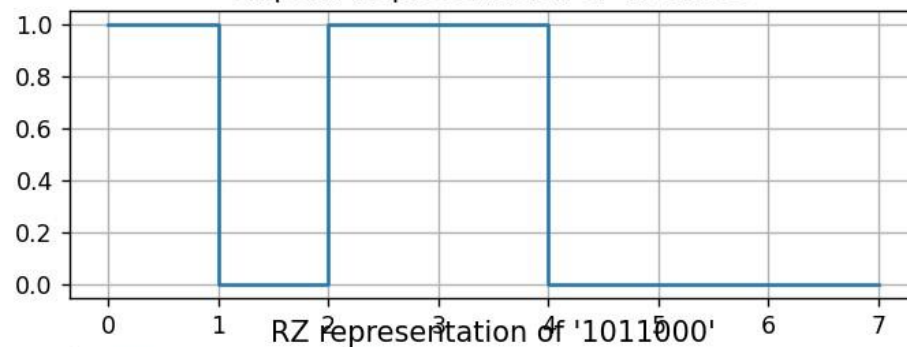




Unipolar Representation of '100101'



Unipolar Representation of '1011000'



```
1  Enter Message signal : 1011001
2  -> Message len : 7  -> Redundant len : 4  -> Total len : 11
3  1 is a power of 2.
4  2 is a power of 2.
5  4 is a power of 2.
6  8 is a power of 2.
7  Mid Message is : [0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]
8  1 is a power of 2.
9  1 0 th parity is added : 0
10 3 1 th parity is added : 1
11 5 0 th parity is added : 1
12 7 1 th parity is added : 2
13 9 0 th parity is added : 2
14 11 1 th parity is added : 3
15 1 Redundant parity is : 3  hamming : 1
16 2 is a power of 2.
17 2 0 th parity is added : 0
18 3 1 th parity is added : 1
19 6 1 th parity is added : 2
20 7 1 th parity is added : 3
21 10 0 th parity is added : 3
22 11 1 th parity is added : 4
23 2 Redundant parity is : 4  hamming : 0
24 4 is a power of 2.
25 4 0 th parity is added : 0
26 5 0 th parity is added : 0
27 6 1 th parity is added : 1
28 7 1 th parity is added : 2
29 4 Redundant parity is : 2  hamming : 0
30 8 is a power of 2.
31 8 0 th parity is added : 0
32 9 0 th parity is added : 0
33 10 0 th parity is added : 0
34 11 1 th parity is added : 1
35 8 Redundant parity is : 1  hamming : 1
36 -----Hamming code is -----
37 [1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]
```

```
1  Enter Message signal : 10100110001
2  1 is a power of 2.
3  1 1 th parity is added : 1
4  3 1 th parity is added : 2
5  5 0 th parity is added : 2
6  7 1 th parity is added : 3
7  9 0 th parity is added : 3
8  11 1 th parity is added : 4
9  1 Redundant parity is : 4 hamming : 0
10 2 is a power of 2.
11 2 0 th parity is added : 0
12 3 1 th parity is added : 1
13 6 1 th parity is added : 2
14 7 1 th parity is added : 3
15 10 0 th parity is added : 3
16 11 1 th parity is added : 4
17 2 Redundant parity is : 4 hamming : 0
18 4 is a power of 2.
19 4 0 th parity is added : 0
20 5 0 th parity is added : 0
21 6 1 th parity is added : 1
22 7 1 th parity is added : 2
23 4 Redundant parity is : 2 hamming : 0
24 8 is a power of 2.
25 8 0 th parity is added : 0
26 9 0 th parity is added : 0
27 10 0 th parity is added : 0
28 11 1 th parity is added : 1
29 8 Redundant parity is : 1 hamming : 1
30 -----Mismatch code is -----
31 [0, 0, 0, 1]
```



```
1  Enter Message signal : 10101111001
2  1 is a power of 2.
3  1 1 th parity is added : 1
4  3 1 th parity is added : 2
5  5 1 th parity is added : 3
6  7 1 th parity is added : 4
7  9 0 th parity is added : 4
8  11 1 th parity is added : 5
9  1 Redundant parity is : 5  hamming : 1
10 2 is a power of 2.
11 2 0 th parity is added : 0
12 3 1 th parity is added : 1
13 6 1 th parity is added : 2
14 7 1 th parity is added : 3
15 10 0 th parity is added : 3
16 11 1 th parity is added : 4
17 2 Redundant parity is : 4  hamming : 0
18 4 is a power of 2.
19 4 0 th parity is added : 0
20 5 1 th parity is added : 1
21 6 1 th parity is added : 2
22 7 1 th parity is added : 3
23 4 Redundant parity is : 3  hamming : 1
24 8 is a power of 2.
25 8 1 th parity is added : 1
26 9 0 th parity is added : 1
27 10 0 th parity is added : 1
28 11 1 th parity is added : 2
29 8 Redundant parity is : 2  hamming : 0
30 -----Mismatch code is -----
31 [1, 0, 1, 0]
```