



































































Enter Message Signal : 1011001

-> Message len : 7 -> Redundant len : 4 -> Total len : 11

Before Calculating Redundant Bit : [0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]

1 th bit parity calculation

1 th bit 0 total parity : 0

3 th bit 1 total parity : 1

5 th bit 0 total parity : 1

7 th bit 1 total parity : 2

9 th bit 0 total parity : 2

11 th bit 1 total parity : 3

1 th Parity will : 1

2 th bit parity calculation

2 th bit 0 total parity : 0

3 th bit 1 total parity : 1

6 th bit 1 total parity : 2

7 th bit 1 total parity : 3

10 th bit 0 total parity : 3

11 th bit 1 total parity : 4

2 th Parity will : 0

4 th bit parity calculation

4 th bit 0 total parity : 0

5 th bit 0 total parity : 0

7 th bit 1 total parity : 2

4 th Parity will : 0

8 th bit parity calculation

8 th bit 0 total parity : 0

9 th bit 0 total parity : 0

10 th bit 0 total parity : 0

11 th bit 1 total parity : 1

8 th Parity will : 1

-----------Hamming Missmatch Parity code is------------

[0, 0, 0, 1]