

LISTING 3 SIMULATION RESULTS

Simulation results :

```
Testing 0 : 0000000000000000
Testing 1 : 0000000000000001
Testing 2 : 0000000100000001
Testing 3 : 0001000100000001
Testing 4 : 0001000100010001
Testing 5 : 0101000100010001
Testing 6 : 0101000101010001
Testing 7 : 0101010101010001
Testing 8 : 0101010101010101
Testing 9 : 1101010101010101
Testing 10 : 1101010111010101
Testing 11 : 1101110111010101
Testing 12 : 1101110111011101
Testing 13 : 1111110111011101
Testing 14 : 1111110111111101
Testing 15 : 1111111111111101
```