```
LFSR over GF(2^4) given by FeedbackPoly = y^3+y+Z(2)^0
with basis =[ Z(2)^0, Z(2^4)^7, Z(2^4)^14, Z(2^4)^6 ]
with feedback coeff =011
with initial state  =[ "0000", "1010", "0011" ]
with current state  =[ "0000", "1010", "0011" ]
after loading
with output from stage S_0

[ 2                ,....................., 0                ]  with taps  [ 0 ]
[ [ 0, 0, 0, 0 ], [ 1, 0, 1, 0 ], [ 0, 0, 1, 1 ] ]»  »    [ 0, 0, 1, 1 ]
[ [ 1, 0, 0, 1 ], [ 0, 0, 0, 0 ], [ 1, 0, 1, 0 ] ]»  »    [ 1, 0, 1, 0 ]
[ [ 1, 0, 1, 0 ], [ 1, 0, 0, 1 ], [ 0, 0, 0, 0 ] ]»  »    [ 0, 0, 0, 0 ]
[ [ 1, 0, 0, 1 ], [ 1, 0, 1, 0 ], [ 1, 0, 0, 1 ] ]»  »    [ 1, 0, 0, 1 ]
[ [ 0, 0, 1, 1 ], [ 1, 0, 0, 1 ], [ 1, 0, 1, 0 ] ]»  »    [ 1, 0, 1, 0 ]
[ [ 0, 0, 1, 1 ], [ 0, 0, 1, 1 ], [ 1, 0, 0, 1 ] ]»  »    [ 1, 0, 0, 1 ]

The whole sequence:
0011,»  1010,»  0000,»  1001,»  1010,»  1001
```