SYSTEM: RECOGNISE THE SEQUENCE OF BITS FOR ODD # OF 1's
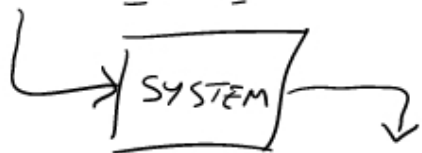
INPUT : 100100110

```
SYSTEM
```

OUTPUT : 111000100

FSM