

# CS2310: Digital Logic Design Lab

## Assignment 9

Sukhendu Das

July 2015

### 1 problem statement

When a button on a remote control of a television is pressed, then a sequence of repeated bit stream is generated and transmitted through infrared radiations repeatedly. Each button has its own unique sequence which is detected by the receiver in the television set and appropriate action is taken. Design a circuit for such a sequence generator (pulse train generator) using shift register.

1000101 , 1000100 and 1101001