

# Lab 6

Snake Game

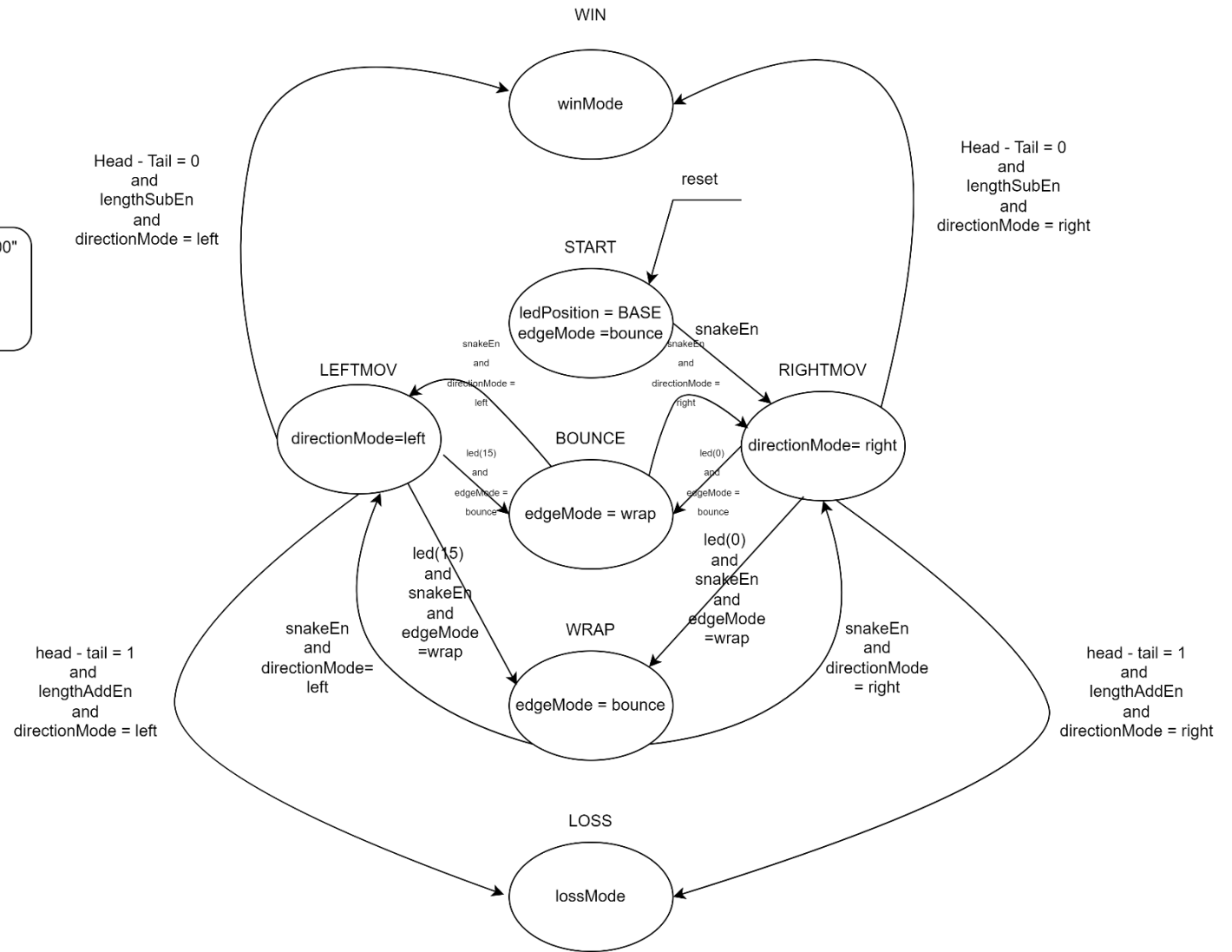
Gabriel Richmond & Jaden Bryant

CPE 3020

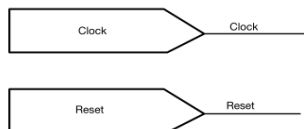
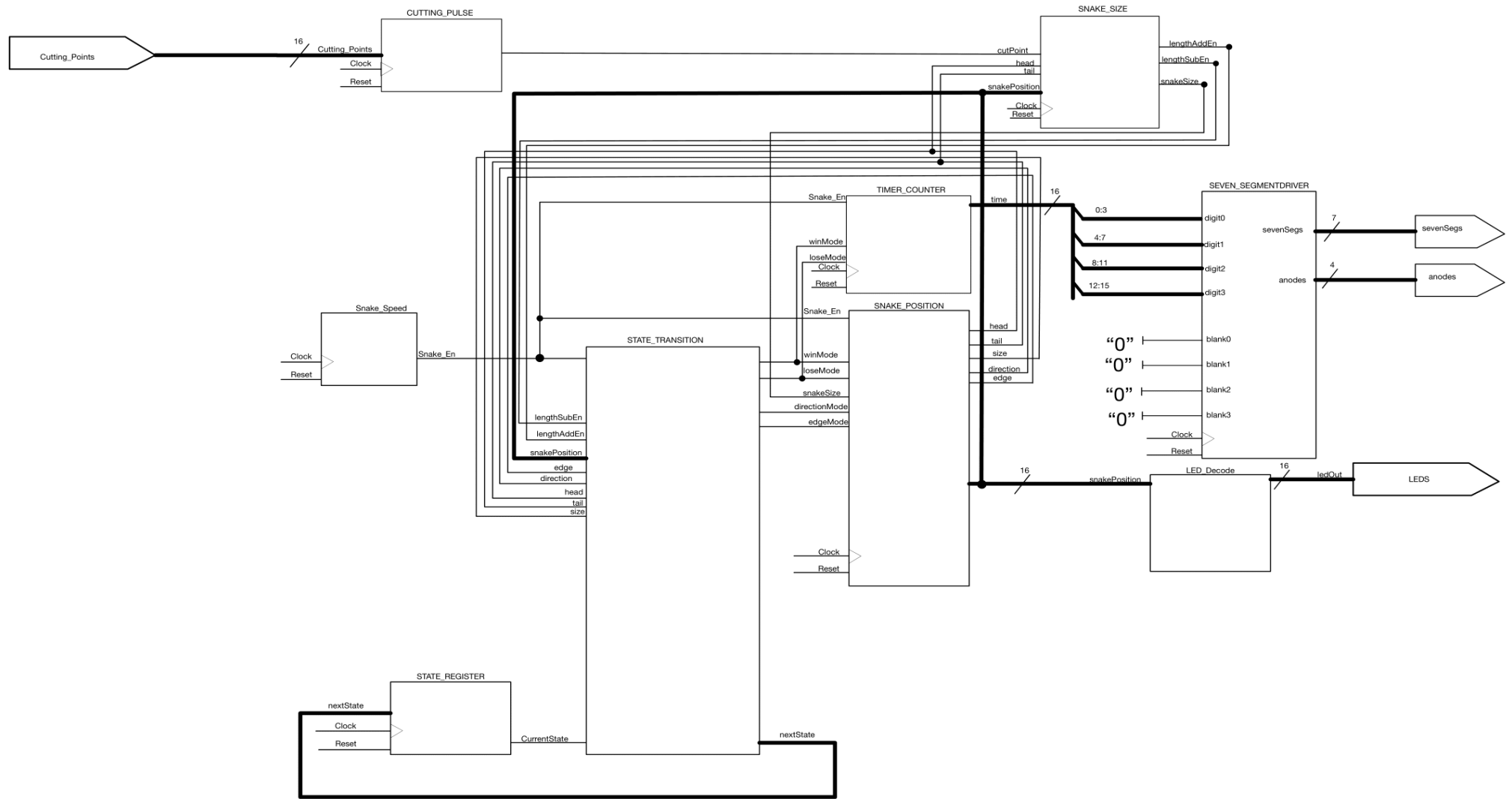
## SnakeGame Bubble State Diagram

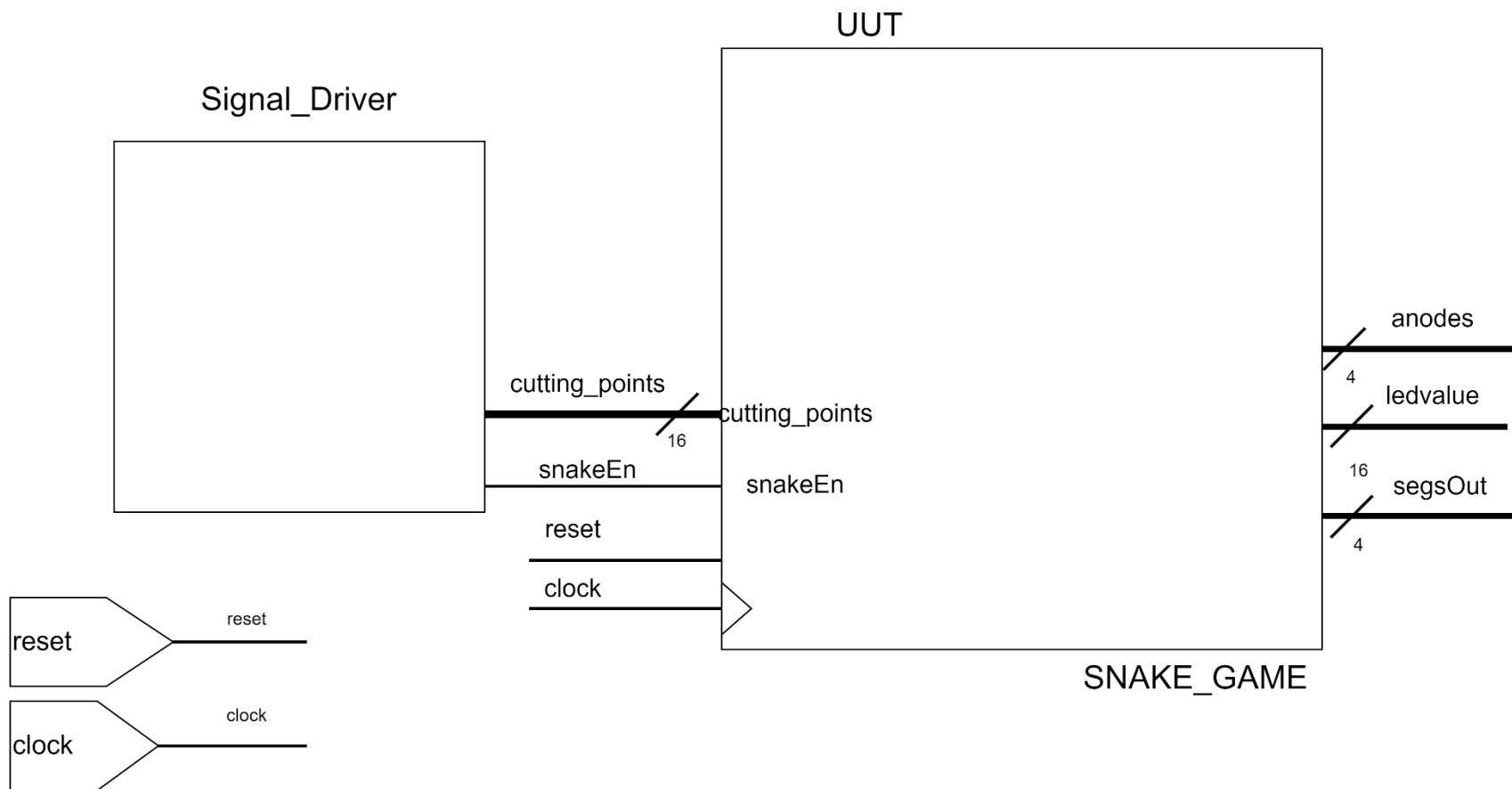
### Key:

Base = "0000111111110000"  
 bounce = '1'  
 right = '1'  
 wrap = '0'  
 left = '0'



## SnakeGame Block Diagram



SnakeGame\_TB Block Diagram

SnakeGame Basys3 Block Diagram