PSEUDO CODE:

Start : PORTC.7 is 0

Next: entered number via switches copied to the PORTB

The second palyer starts guseeing with in 5 mintes

If number not entered in 5s

Game rests after illuinating leds for 5s

If ( number entered in 5s)

Portc7 is H-L-h to show number entered

Then the entered number is compared with the portB number

IF entered number is greater

PORTB4-7 leds glow moves for next iteration

IF entered number is small

PORTB0-4 leds glow and game moves for next iteration

IF entered number is equal

All leds glow and after glowing with freq of 0.5hz game resets