

```

public LightBoard(int numRows, int numCols){
    this.light = new int[numRows][numCols];
    int randNum;
    for(int i = 0; i < this.light.length; i++){
        for(int a = 0; a < this.light[i].length; a++){
            randNum = (int)(Math.random() * 101);
            if(randNum <= 40){
                this.light[i][a] = true;
            }else{
                this.light[i][a] = false;
            }//end else statement
        }//end nested loop
    }//end for loop
} //end LightBoard method

public boolean evaluateLight(int row, int col){
    int numTrue = 0;
    for(int i = 0; i < this.light[row].length; i++){
        if(this.light[row][i] == true){
            numTrue++;
        } // end if statement
    } //end for loop

    if(this.light[row][col] == true){
        if(numTrue % 2 == 0){
            return false;
        } //end 2nd if statement
        return true;
    } else if(!this.light[row][col]){
        if(numTrue % 3 == 0){
            return true;
        } //end else 2nd if statement
        return false;
    }
}

} //end evaluateLight method

```