

Game of Life

- Need to create an int 2D array

 - Int cell - since neighbors can't be higher than 8

 - First number is 1/0 where 1 is alive

 - Cell number /10 = 1 is alive

 - Cell number /10 = 0 is dead

 - Second number is neighbors

 - Cell number %10 is neighbors

- Need to know if a cell is alive and how many neighbors it has

 - If alive cell's neighbors doesn't equal 2 or 3 it dies

 - If dead cell's neighbors equals 3 it become alive

 - Loop through array and add 1 to appropriate cells for all live cells

 - Loop through array a second time to figure out next generation value of that cell

 - Add 10 if cell is dead and had a value of 3

 - Subtract 10 if cell is alive and doesn't have a value of 12 or 13

- Need to deal with edges

 - Try extra columns/rows

 - set up to test above make the first and last few columns/rows invisible

2 arrays where first is current and second is future/ swap

- Add/Subtract 10 before adding to future array where increments are stored

- Afterward zero out the cell

1	2	3	2	1
1	11	12	11	1
1	2	3	2	1

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[illegible]