

Remix this [project](#) -> NORKA VERSION <https://glitch.com/edit/#!/minesweeper-day2norka>

1. Together time
2. Create a new css, one for bomb and one for flag (make them red/yellow)
3. If that click on a bomb, dont show a number, show the css
4. If they dont click on a bomb and the number is 0, dont show the number.
5. Exceeds: If they click on a blank, it should reveal all blanks that are close to it. So:
 - a. Make a new function revealAdjacentBlanks(r,c) that will:
 - b. Look at all squares touching (look at countBombsAround)
 - c. If it doesn't have any bombs around it
 - i. reveal it and add css style
 - ii. Call revealAdjacentBlanks(r,c) again (because you might have more revealing to do.
6. Exceeds: Add flag. You will need the right click button:

```
// Right-click to flag/unflag  
cellDiv.addEventListener('contextmenu', function(event) {  
    event.preventDefault(); // Prevent the context menu from showing
```

Day3:

1. When a bomb is clicked-> have it do alert('GAME OVER');
2. Exceeds: Have a boolean gameOver originally false. If bomb is clicked, gameOver should be true, AND they shouldnt be able to move again.
3. ExceedsUse bomb image/flag image. Images here:
<https://github.com/nickarocho/minesweeper/blob/master/images/bomb.png>

Solutions:

1. Create a new css, one for bomb and one for flag (make them red/yellow)

```
.bomb{
  background-color:red;
}

.flag{
  background-color:yellow;
}
```

2. If that click on a bomb, dont show a number, show the css

```
if (board.grid[r][c].isBomb)
  cellDiv.classList.add('bomb');
```

3. If they dont click on a bomb and the number is 0, dont show the number.

```
else if (board.grid[r][c].bombsAround>0)
  cellDiv.innerHTML = board.grid[r][c].bombsAround;
```

4. Exceeds: If they click on a blank, it should reveal all blanks that are close to it. So:

```
else
  board.revealAdjacentBlanks(r,c);
```

- a. Make a new function revealAdjacentBlanks(r,c) that will:
- b. Look at all squares touching (look at countBombsAround)
- c. If it doesn't have any bombs around it
 - i. reveal it and add css style
 - ii. Call revealAdjacentBlanks(r,c) again (because you might have more revealing to do.

```
revealAdjacentBlanks(row, col) {
  for (let r = row - 1; r <= row + 1; r++) {
    for (let c = col - 1; c <= col + 1; c++) {
      if (this.countBombsAround(r,c)==0 && !this.grid[r][c].isRevealed) {
        this.grid[r][c].isRevealed = true;
        this.grid[r][c].div.classList.add('revealed');
        this.revealAdjacentBlanks(r,c);
      }
    }
  }
}
```

5. Exceeds: Add flag, oh boy. You will need the right click button:

```
// Right-click to flag/unflag
cellDiv.addEventListener('contextmenu', function(event) {
    event.preventDefault(); // Prevent the context menu from showing

    // Toggle flag state
    if (!board.grid[r][c].isRevealed) {
        board.grid[r][c].isFlagged = !board.grid[r][c].isFlagged;

        if (board.grid[r][c].isFlagged) {
            cellDiv.classList.add('flag'); // Add flag class to the cell
        } else {
            cellDiv.classList.remove('flag'); // Remove flag class from the cell
        }
    }
});
```

Together: <https://node-2-mines.glitch.me>
And <https://node-2-mines.glitch.me/control>