

```

// Check for entire lines and shift rows that get deleted
int i, lineCount = 0;
for(i = 0; i < 20; i++) {
    int j;
    int fullLine = 1;
    for(j = 0; j < 10; j++) {
        if(grid[i][j] == 127) { // empty space found
            fullLine = 0;
            break;
        }
    }
}

// Delete current line and shift all other rows down
if(fullLine) {
    lineCount++;
    gravityLimit = (gravityLimit == 1) ? 1 : gravityLimit - 1;
    for(j = i; j > 0; j--) {
        int k;
        for(k = 0; k < 10; k++) {
            grid[j][k] = grid[j-1][k];
        }
    }
    for(j = 0; j < 10; j++) {
        grid[0][j] = 127;
    }
    reDrawGrid();
}

}

if(lineCount != 0) {
    currentScore += lineCount*lineCount;
}

```