```
#include <stdio.h>
#include <stdlib.h>
#include "DynamicArray.h"
#include "countActive.h"
#include "copyArray.h"
// Takes a pointer to a DynamicArray
// Updates the array to the next generation based on the rules.
void generations(DynamicArray *array)
    // DynamicArray *temp = malloc(sizeof(array)); // For CSX
    DynamicArray temporary;
    DynamicArray *temp = &temporary; // For my machine
    copyArray(temp, array);
    int activeCount = 0;
    int active = 0;
    int i, j;
    for (i = 0; i < array->y; i++){}
        for (j = 0; j < array->x; j++) {
            activeCount = countActive(i, j, array);
            if (*(array->board + i * array->y + j) == 'X'){
                if(activeCount < 2 || activeCount > 3)
                    *(temp->board + i * temp->y + j) = '-';
                else if (activeCount == 2 || activeCount == 3)
                    *(temp->board + i * temp->y + j) = 'X';
            else
                if (activeCount == 3)
                    *(temp->board + i * temp->y + j) = 'X';
    copyArray(array, temp);
```

```
free(temp->board);
}
```