



Int ** grid = malloc(r & size of (int *));

(WHY DX/DY arrays are nice)

for (i=0; i < 8; i+t) \$

// Cheek word in direction i 10,8

// Look at indexes
(x,y),(X+DXCiJ, y+DYCiJ), 10-2,8+2
(x+2DXCiJ, y+2DYCiJ), [A] P
(x+3DX(iJ, y+2DYCiJ), [A] P
(x+3DX(iJ, y+2DYCiJ), [A] P
(x+mpy+=DXCiJ; (a), DX=-1
(nove to character)

(x=10)

4=8

1/19/2017 (1)
1) array of int/char v
2) array of 20 int/char V
2) array of 2D int/char V (2D array of char is an array of strings)
3) array of struct
4) gray of ptr to struct
5) ptr to struct that has a ptr
>> record + = malloc (n * size of (record))
= calloc (n, size of (record))
record -> name [7] name [7] GPA [] GPA []
stropy (record [i]. name, "John Doe");
free (reword);
Array of ptr to street
record * \$ = malloc (n * Size of (record *)); record * \$ = malloc (n * Size of (record *)); n-1 for (i=0; ien; i+)
record *# = malloc (n * Size of (record *)); record = [[2]] [[] for (i=0; ien; i+) record [i] = NULL; for (i=0; ien; i++) \$ record [i] = malloc (sizeof (record));
for (i=0; i2n; i++) }
record [i] = malloc (sizeof (record));
Stropy (rewid [i] - name, "John Doe")",
Z Arceord[i]. name (equivalent)

1/19/2017 @ To free for (i=0; iln; it+/ free (record [i]); (free (record); Every mallox cell has an equal and opposite free call" pto to struct that has a pto. Str [111122223333 tatet num bigint = malloc (Size of (bigint)) NUM => | digits -> | 1/1/1/2/2/2/3/3/3/3 1/I want to copy contents of str (chart) 11 into disits. num -> size = strlen (disits); num -> disits = calloc (num-) size, size of (int)); for (i=0; icnm >size; it) digita [i] = st/[i] - 'o'; 3 //JUST Q FREES free (sam: num -) 2 19 its); free (nom); Str [C/4/7/0/ 22×26+0×26+19×26

str [C/A/T/10/ 22x26+0x26+19x26 int val = 0; for (i=0; izstrlen(str); i++) Val = 26 * Val + str[i] - A; Values = creeke
Values

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