

Books = (char \*\*\*)malloc(sizeof(char \*\*)\*noBooks);

Line 1

for(i=0;i<noBooks;i++){

Books[i] = (char \*\*)malloc(sizeof(char\*)\*row);

Line 2

for(j=0;j<row;j++){

{

Books[i][j] = (char \*)malloc(sizeof(char)\*col);

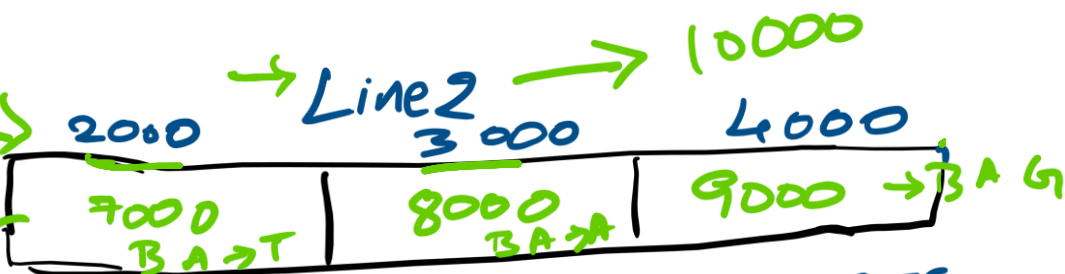
Line 3

}

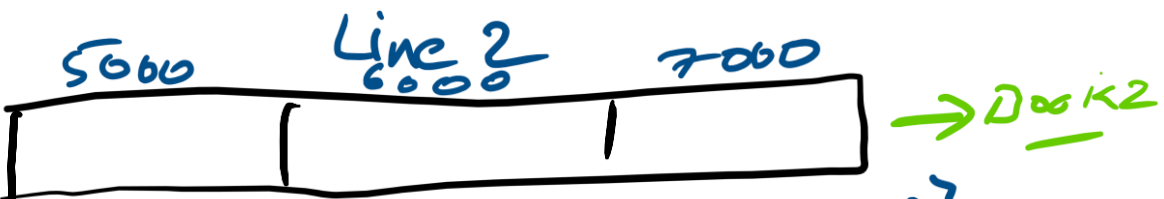
}



Books[0] ——— Books[1]  
ptr



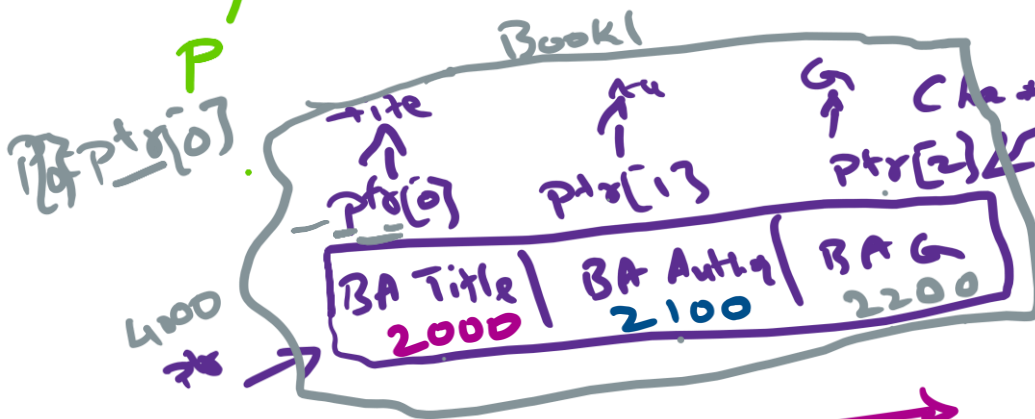
Books[0][0] Books[0][1] Book[0][2]  
ptr ptr



Books[1][0] Books[1][1] Books[1][2]

	0	1	2	3	4	5	6	7	8	
B[0][0]	C		O	d	e	S	S	g	no	7000
B[0][1]	A	B	C	A	'\0'					8000
B[0][2]	C	O	M	P	'\0'					9000

$\text{char} ***P = (\text{char} ***) \text{malloc} (\text{sizeof}(\text{char} ** ) * \text{Nobooks})$



$\text{for}(i=0; i < \text{Nobooks}; i++)$

$\text{ptr}[i] = (\text{char} **) \text{malloc} (\text{sizeof}(\text{char} *) * \text{row})$

$\text{for}(i=0; i < \text{row}; i++)$

$\text{ptr}[i] = (\text{char} *) \text{malloc} (\text{sizeof}(\text{char}) * 50)$

$\text{ptr}[i] =$

$\text{ptr}[2] = \text{malloc}$

