Pointer expression of **2-D** array:

the array name itself is a pointer to first sub array,

**arr**:

will be pointer to first sub array, not the first element of first sub

array, according to relationship of array & pointer, it also represent

the array itself,

**arr+1**:

will be pointer to second sub array, not the second element of first sub

array,

**\*(arr+1)**:

will be pointer to first element of second sub array,

according to relationship of array & pointer, it also represent second

sub array, same as **arr[1]**,

**\*(arr+1)+2**:

will be pointer to third element of second sub array,

**\*(\*(arr+1)+2)**:

will get value of third element of second sub array,

same as **arr[1][2]**,