CIS 26B 1

Review: Multidimensionals Arrays

1.

First Name	Last Name	
First Name	Last Name	

First Name Last Name

Given that this computer has 4-byte int's and pointers, give the value of the following expressions.

d)
$$*p - *(*(a + 2)) //$$

e)
$$*(*(a + 3))$$
 //

f)
$$*(*(a + 1) + 1)$$
 //

CIS 26B 2

Review: Multidimensionals Arrays

2. Write a function that returns a pointer to a row (the address of the row -NOT the address of its first element) that contains the smallest element in a table of ints. HINT: Use typedef!

3. Write a function that returns a dynamically allocated array of pointers to the smallest elements in each table of a 3D array of ints (one pointer per table).