ASSIGNMENT 7: 2-D Array

1. Write a function to accept a 2-D array from the user. Write another function to print the 2-D array. Re-use these functions in rest of the assignments wherever required.
2. Write functions to calculate addition, subtraction, multiply two matrices of 3x3.
3. Write a function to calculate the sum of elements in the given row. Write another function to calculate the sum of elements in the given column.
4. Write a function to accept five names of students from the user (use 2D array). Write another function to print these names. Finally write a function to sort student names.
5. Write a function to accept five names of students from the user (use array of character pointers). Write another function to print these names. Write a function to sort student names. Finally write a function to free memory allocated for student names.
6. Write functions to allocate memory for 2 dimensional matrix. Write another function to free the memory allocated for 2 dimensional matrix.
7. Write a program to accept list of names as command line arguments and display the names.
8. Modify above program to display names in sorted order.