Pointers

1. Wap using pointer to read in an array of integers and print its element in reverse order.

2. Write a function that receives a sorted array of integer and an integer value, and insert the value in its correct place.

3. Write a function using pointer to add two matrices and to return the resultant matrix to the calling function.

4. Using pointer, write a function that receives a character string and a character as argument and deletes all occurrences of this in the string. The function should return the corrected string with no holes.

5. Write a function **day\_name** that receives a number n and returns a pointer to a character string containing the name of corresponding day. The day names should be kept in a **static** table of character string local to the function.

6. Write a program to read in an array of names and to sort them in alphabetical order. Use **sort** function that receives pointer to the function **strcmp** and **swap.sort** in turn should call these function via pointers.

7. Write a function (using a pointer parameter) that reverses the element of a given array.

8. Write a function (using pointer parameter) that compares two integer arrays to see whether they are identical. The function if they are identical, 0 otherwise.