1. Write suitable function and corresponding program to test the function for the following:
   (a) Compute X^n, where X is any valid number and n is an integer value
   (b) Swap values of two integer variables without using temporary variable.
   (c) Remove white spaces (blank spaces) from a string.
2. Write a C function reverse(s) to reverse the string s, where s is an argument in the function reverse(s).
3. Write a C function subs(s1, s2) which returns 1 if s2 is a substring of s1 otherwise 0.
4. Write a C function that takes input a two dimensional array of integers, find the largest integer among them, return it to calling function.
5. Write a C function that takes input a two dimensional array of integers, find the largest number from each row and column individually, store it in two corresponding one dimensional array respectively and display it. Write the complete program to test the function.