Assignment for Functions and Pointers

1. Take number and character from user and print character that number of times using while loop.
2. Take number and character from user and print character that number of times using recursion.
3. Write a C program to calculate power of given base and index (power = base^index).
4. Write a C program to input a number from user and find its factorial with help of functions.
5. Write a C program to swap two integer variables using functions.
6. Write a C program to swap two integer variables using pointers and functions.
7. Write a C program to reads a string from the user, use pointers to reverse the string in place and prints the original and reversed strings.
8. Write a C program to get a string from user through keyboard using getchar function.
9. Write a C program to access elements of an array of 10 elements using pointer arithmetic.
10. Write a C program to perform concatenation on 2 strings. Use pointers to string for strcat() function.