1. Write a function which takes two strings A and B and appends B to A
2. Write a function to reverse a string.
3. Write a program to print all substrings of a given string
4. Given a string rotate it by n characters. e.g. if the string is CodingBlocks and n =3 then the output should be cksCodingBlo
5. Write a function to check if two strings are permutations of each other.
6. Write a program to read lines from the input and print the longest line.
7. Write a function [int htoi(char *)], which converts a string of hexadecimal into its corresponding integer value.
8. Write a function to do basic string compression aaaabbcccds -> a4b2c3d1s1. This function takes a string as the only argument. Function Prototype: **void compress(char * str)**
9. Write a function to take two numbers as string and adds them. For e.g. if you are given "124" and "456" the ans should be "580". Function Prototype: **void addNumber(char *num1, char *num3, char *ans)**
10. Write a function which takes a string and removes whitespaces from it. Function Prototype: **void squeeze(char * str)**
11. Write a function which takes two string (S and T) and returns index of rightmost occurrence of T in S else returns -1. For e.g: S = "qwabcdefabcpqd" and T= "abc", function returns – 8. Function Prototype: **int stringRsearch(char * S, char *T)**
12. Given an array of random numbers, push all the zero's of a given array to the end of the array. For example, if the given arrays is {1, 9, 8, 4, 0, 0, 2, 7, 0, 6, 0}, it should be changed to {1, 9, 8, 4, 2, 7, 6, 0, 0, 0, 0}. The order of all other elements should be same.