Rules

1- Assignment deadline is Thursday (29/12/2015) @ 11:55 pm

2- Assignments will be sent to this email : assembly.fci.cu@gmail.com

3- Subject will be: Assig3(space)Group_ID “i.e A3_P2_xxxxx”

4- Each problem should be solved in a separate file.

5- Cheating will be severely punished.

Assignment 3 - Part 2

Q1. Write a recursive function to reverse a string. Write a recursive function to reverse the words in a string, i.e., ”cat is running” becomes ”running is cat”.

Q2. We'll say that a "pair" in a string is two instances of a char separated by a char. So "AxA" the A's make a pair. Pair's can overlap, so "AxAxA" contains 3 pairs -- 2 for A and 1 for x. Recursively compute the number of pairs in the given string.

countPairs("axa") → 1

countPairs("axax") → 2

countPairs("axbx") → 1