Problem:

Given a string S, remove consecutive duplicates from it recursively.

Solution:

void removeConsecutiveDuplicates(char \*s) {

if(s[0]=='\0')

return;

if(s[0]==s[1] && s[0]!='\0')

{

int i=1;

for(;s[i]!='\0';i++)

{

s[i-1]=s[i];

}

s[i-1]=s[i];

removeConsecutiveDuplicates(s);

}

else

removeConsecutiveDuplicates(s+1);

}