CHARACTER STUFFING

#include<stdio.h>

#include<string.h>

//#include<conio.h>

void main()

{

int j,l,m,c,k;

char a[50],b[50];

printf("Enter the string:");

scanf("%s",a);

strcpy(b,"DLESTX");

m=strlen(a);

for(j=0;j<m;)

{

if(a[j]=='d')

{

if(a[j+1]=='l')

{

if(a[j+2]=='e')

{

c=j+2;

for(l=0;l<3;l++)

{

for(k=m;k>c;k--)

{

a[k]=a[k-1];

}

m++;

a[m]=' ';

c+=1;

}

a[j+3]='d';

a[j+4]='l';

a[j+5]='e';

a[m]=' ';

j+=5;

}

}

}

j++;

}

strcat(b,a);

strcat(b,"DLEETX");

printf("\n%s",b);

printf("\nReceiver side:");

m=strlen(a);

for(j=0;j<m;)

{

if(a[j]=='d')

{

if(a[j+1]=='l')

{

if(a[j+2]=='e')

{

c=j;

for(l=0;l<3;l++)

{

for(k=c;k<m;k++)

a[k]=a[k+1];

}

c++;

}

j=c;

}

}

j++;

}

printf("\n%s",a);

}

OUTPUT-

Enter the string:dlestx

DLESTXdledlestx DLEETX

Receiver side:

dlestx