1)#include <stdio.h>

int main()

{

char s[100],temp=1,c='\*';

int i,j,k=0,n;

printf("Enter the sentence:");

gets(s);

for(i=0;s[i];i++)

{

if(!(s[i]==c))

{

for(j=i+1;s[j];j++)

{

if(s[i]==s[j])

s[j]=c;

}

}

}

for(i=0;s[i];i++)

{

s[i]=s[i+k];

if(s[i]==c)

{

k++;

i--;

}

}

printf("expected output:");

printf("%s",s);

return 0;

}

2)#include <stdio.h>

#include<ctype.h>

int main()

{

char s[100],temp=1,c='\*';

int i,j,k=0,n;

printf("Enter the sentence:");

gets(s);

for(i=0;i<strlen(s);i++)

{

s[i]=tolower(s[i]);

}

for(i=0;s[i];i++)

{

if(!(s[i]==c))

{

for(j=i+1;s[j];j++)

{

if(s[i]==s[j])

s[j]=c;

}

}

}

for(i=0;s[i];i++)

{

s[i]=s[i+k];

if(s[i]==c)

{

k++;

i--;

}

}

printf("expected output:");

printf("%s",s);

return 0;

}

3)#include <string.h>

#include <ctype.h>

#include <stdio.h>

int main()

{

char s[100],temp=1,c='\*',chTemp;

int i,j,k=0,n;

printf("Enter the sentence : ");

gets(s);

for(i=0;s[i];i++)

{

if(!(s[i]==c))

{

for(j=i+1;s[j];j++)

{

if(s[i]==s[j])

s[j]=c;

}

}

}

for(i=0;s[i];i++)

{

s[i]=s[i+k];

if(s[i]==c)

{

k++;

i--;

}

}

for(i=0; i<strlen(s); i++)

{

for(j=0; j<strlen(s)-1; j++)

{

if(s[j]>s[j+1])

{

chTemp = s[j];

s[j] = s[j+1];

s[j+1] = chTemp;

}

}

}

printf("expected output:");

printf("%s",s);

return 0;

}

4)#include <stdio.h>

#include <string.h>

int main()

{

char s[100];

int i,j,k,count=0,n;

printf("Enter the string : ");

gets(s);

for(j=0;s[j];j++);

n=j;

printf(" frequency count character in string:\n");

for(i=0;i<n;i++)

{

count=1;

if(s[i])

{

for(j=i+1;j<n;j++)

{

if(s[i]==s[j])

{

count++;

s[j]='\0';

}

}

printf("character '%c' = %d \n",s[i],count);

}

}

return 0;

}

5)#include <stdio.h>

#include <string.h>

int main()

{

char s[100];

int i,j,k,count=0,n;

printf("Enter the string : ");

gets(s);

for(i=0;i<strlen(s);i++)

{

s[i]=tolower(s[i]);

}

for(j=0;s[j];j++);

n=j;

printf(" frequency count character in string:\n");

for(i=0;i<n;i++)

{

count=1;

if(s[i])

{

for(j=i+1;j<n;j++)

{

if(s[i]==s[j])

{

count++;

s[j]='\0';

}

}

printf("character '%c' = %d \n",s[i],count);

}

}

return 0;

}