#include<stdio.h>

#include<string.h>

int word\_freq\_cal(char text[100])

{

int freq = 0;

for(int i = 0; i < strlen(text)-1; i++)

{

for(int j = i+1; j < strlen(text)-1;j++)

{

if(text[i] == text[i+1])

{

freq++;

break;

}

}

}

return strlen(text)-1-freq;

}

void repeat\_char\_cal(char text[100])

{

for(int i = 0; i < strlen(text)-1;i++)

{

for(int j = i+1; j < strlen(text)-1;j++)

{

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

{

printf("\nFirst repeated character is: %c",text[i]);

return;

}

}

}

printf("\nNo repeated characters found in the string.");

return;

}

void non\_repeat\_char\_cal(char text[100])

{

int flag = 0;

for(int i = 0; i < strlen(text)-1;i++)

{

for(int j = i+1; j < strlen(text)-1;j++)

{

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

{

flag = 1;

break;

}

}

if(flag == 0)

{

printf("\nFirst non-repeated character is: %c",text[i]);

return;

}

}

printf("\nNo non-repeated character.");

return;

}

int main()

{

char name[100];

fgets(name,100,stdin);

int len = strlen(name)-1;

int word\_freq = word\_freq\_cal(name);

printf("Length of the string is: %d",len);

printf("\nWord frequency is: %d",word\_freq);

repeat\_char\_cal(name);

non\_repeat\_char\_cal(name);

}