// Accept a String input

//Accept a String of valid chars

//Remove all the characters that are not present in the valid chars from the input string

//Print the cleansed String and the count of characters removed

//Eg. If the String input is I am a 5\*\* programmer and the valid chars is abcdefghijklmnopqrstuvwxyz 123

then the output should be as below I am a programmer 2 \* was removed 1 5 was removed

//Vowels and Consonants

#include<iostream>

#include <string>

using namespace std;

int main()

{

string statement, reference,removed;

char st, re;

int i,j,count[10];

cout<<"Enter the statement : ";

getline(cin, statement);

cout<<"Enter the reference : ";

getline(cin, reference);

removed = ' ';

for(i = 0; i < statement.length(); i++)

{

for(j = 0; j < reference.length(); j++)

{

st = toupper(statement[i]);

re = toupper(reference[j]);

if(st == re)

{

j = reference.length();

cout<<statement[i];

}

else if(statement[i] == ' ')

{

j = reference.length();

cout<<statement[i];

}

else

{

removed = removed + statement[i];

}

}

}

for(i = 0; i < removed.length(); i++)

{

for(j = 1; i < removed.length(); j++)

{

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

{

}

}

return 0;

}