Common Permutation:

Program:

```cpp
#include <bits/stdc++.h>
using namespace std;

int main()
{
    char a[1001];
    char b[1001];
    while(gets(a))
    {

        gets(b);

        string subSequence="";

        for (int i=0; i < strlen(a); i++)
            for (int j=0; j<strlen(b); j++) if (a[i] == b[j])subSequence += a[i],
a[i] = '*', b[j] = '&';

        sort(subSequence.begin(),subSequence.end());
        cout << subSequence << endl;
    }

    return 0;
}
```

Output:

```
pretty
women
e
walking
down
nw
the
street
et
```