Write a program that, given a word $w$ and a sequence of words $s_1, \ldots, s_n$, prints all the ways to obtain $w$ by concatenating some of the given words, without changing their relative order.

**Input**

Input consists of a word $w$, followed by a natural number $n > 0$, followed by $s_1, \ldots, s_n$. The words only include lowercase letters.

**Output**

Print all the ways to obtain $w$ by concatenating some of the given words, without changing their relative order. If there is no solution, print a hyphen. Follow the format of the samples.

**Information about the checker**

You can print the solutions to this exercise in any order.

**Sample input 1**

```
  hola
5
  ho la h o l a h o l a h o l
```

**Sample output 1**

```
  hola
h+o+la
h+o+l+a
h+o+la
h+o+l+a
h+o+la
```

**Sample input 2**

```
  patata
5
  tata ta pata tata pa
```

**Sample output 2**

```
-
```

**Sample input 3**

```
  patata
5
  pata pa ta tata tata
```

**Sample output 3**

```
  pa+tata
pa+tata
pata+tata
```

**Sample input 4**

```
  patata
2
  pa ta
```

**Sample output 4**

```
-
```

**Problem information**

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