In Python, a string can be split on a delimiter.

Example:

```
>>> a = "this is a string"
>>> a = a.split(" ") # a is converted to a list of strings.
>>> print a
['this', 'is', 'a', 'string']
```

Joining a string is simple:

```
>>> a = "-".join(a)
>>> print a
this-is-a-string
```

Task

You are given a string. Split the string on a " " (space) delimiter and join using a - hyphen.

Input Format

The first line contains a string consisting of space separated words.

Output Format

Print the formatted string as explained above.

Sample Input

```
this is a string
```

Sample Output

```
this-is-a-string
```