Problem 3 – Extract Hyperlinks

Write a program to extract all hyperlinks (<href=...>) from a given text. The text comes from the console on a variable number of lines and ends with the command "END". Print at the console the **href** values in the text.

The input text is standard HTML code. It may hold many tags and can be formatted in many different forms (with or without whitespace). The <a> elements may have many attributes, not only href. You should extract only the values of the **href** attributes of all **<a>** elements.

Input

The input data comes from the console. It ends when the "END" command is received.

Output

Print at the console the **href** values in the text, each at a separate line, in the order they come from the input.

Constraints

- The input will be **well formed HTML fragment** (all tags and attributes will be correctly closed).
- Attribute values will never hold tags and hyperlinks, e.g. "<img alt='' />" is invalid.
- Commented links are also extracted.
- The number of input lines will be in the range [1 ... 100].
- Allowed working time: 0.1 seconds. Allowed memory: 16 MB.

Examples

Input	Output
 END	http://softuni.bg
This text has no links END	
<pre><!DOCTYPE html> <html> <html> <head> <title>Hyperlinks</title> link href="theme.css" rel="stylesheet" /> </head> <body> HomeCourses ForumForumclicknakhref="fake' <!-- This code is commented: commentex hyperlink> </body> END</html></html></pre>	/ /courses /forum # javascript:alert('hi yo') http://www.nakov.com #empty # #commented



















