## 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='<a href="hello">' />**" 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** |
| <a href="http://softuni.bg" class="new"></a>  END | http://softuni.bg |
| <p>This text has no links</p>  END |  |
| <!DOCTYPE html>  <html>  <head>  <title>Hyperlinks</title>  <link href="theme.css" rel="stylesheet" />  </head>  <body>  <ul><li><a **href="/"** id="home">Home</a></li><li><a  class="selected" **href=/courses**>Courses</a>  </li><li><a **href =**  **'/forum'** >Forum</a></li><li><a class="href"  onclick="go()" **href= "#"**>Forum</a></li>  <li><a id="js" **href =**  **"javascript:alert('hi yo')"** class="new">click</a></li>  <li><a id='nakov' **href =**  **http://www.nakov.com** class='new'>nak</a></li></ul>  <a **href="#empty"**></a>  <a id="href">href='fake'<img src='http://abv.bg/i.gif'  alt='abv'/></a><a **href="#"**>&lt;a href='hello'&gt;</a>  <!-- This code is commented:  <a href="#commented">commentex hyperlink</a> -->  </body>  END | /  /courses  /forum  #  javascript:alert('hi yo')  http://www.nakov.com  #empty  #  #commented |