Java → Html Parser

Hard (1) 19 minutes (2) Share:

Code Challenge — Write a program

This exercise seems to be poorly explained. You can help us to improve it if you can solve it. Just write your description in the comments.

Today you will create your own HTML parser! You should get all the content from tags.

- For example: <h4>
content</br></h4>
- Answer: from
 content), after that from <h4>(
 content</br>)

Note: all tags are valid.

Remember: The order of the contents on the same level of the hierarchy should be as in the input string.

Sample:

< html>< a>hello< h1>< h4>nestedHello</h4>< h3>nestedWorld</h3>< h6>< br>top</br></h6></h1>< br>vorld</br></html>

Answer:

hello

||nestedHello

||nestedWorld

|||top

|||
top</br>

|| < h4> nested Hello < /h4> < h3> nested World < /h3> < h6> < br> top < /br> < /h6>

world

 $|\c a>hello<h1><h4>nestedHello</h4><h3>nestedWorld</h3><h6>
top</br></h6></h1>
world</br></ra>$

Sample Input 1:

Sample Output 1:

hello

nestedHello

nestedWorld

top

top</br>

<h4>nestedHello</h4><h3>nestedWorld</h3><h6>
top</br></h6>

world

<a>hello<h1><h4>nestedHello</h4><h3>nestedWorld</h3><h6>
top</br></h6></h1>
world</br>

Sample Input 2:

<html><input><h2><a>hello
world</br></h2></input></html>

Sample Output 2:

hello

world

<a>hello
world</br>

<h2><a>hello
world</br></h2>

<input><h2><a>hello
world</br></h2></input>

Sample Input 3:

<h4>
content</br></h4>

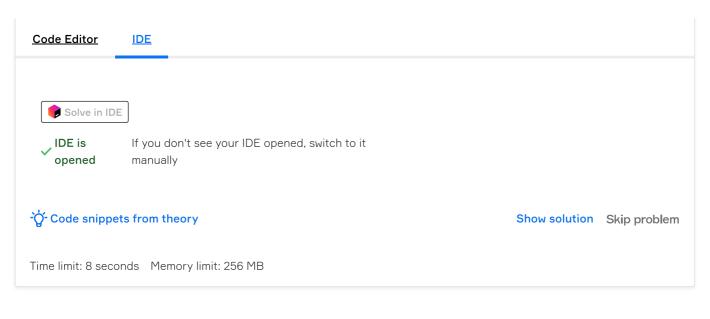
Sample Output 3:

content

content</br>

Last posted ▼

Sort by:





MK Maciej Kuchta about 1 month ago Report

The reference solution is simple and elegant. Mine was a lot more complicated, I couldn't see a way to solve it without regex, sadly. But it was a little eye-opening.

◯ 1 Reply

YV Yuriy Volkovskiy (β) about 2 months ago Report

Quite easy after Nesting Season.

○ 0 <u>Reply</u>

DM <u>Dmitrij Morozov</u> 3 months ago <u>Report</u>

You were required to write that the symbol / occurs only in tags. I learn Java not HTML.

◯ 1 Reply

S SDWillems 3 months ago Report

I have NO idea what you want me to do here and what this has to do with Queue or Stack..

○ 4 Reply

U1 <u>User 110292</u> 4 months ago <u>Report</u>

Sorry, but I have to say that the explanation is very poor. I have no idea what to do here...

C 4 Reply

A A.Ruskomaa 5 months ago Report

This excercise would really benefit from a better explanation.

FS Full Stackly 8 months ago Report

wow, can anyone explain please the pattern of answer's order? I don't understand why is there
top</br> any only world without
world</br>

1

MK Maciej Kuchta about 1 month ago Report

Because you search for contents enclosed by tags. cbr>world</pr> stands alone, not embraced by any.

◯ 0 Reply