

PRACTICE

COMPETE

JOBS

LEADERBOARD

Q Search





Easy 30 3578

Practice \Rightarrow Python \Rightarrow Regex and Parsing \Rightarrow HTML Parser - Part 2

HTML Parser - Part 2 ☆

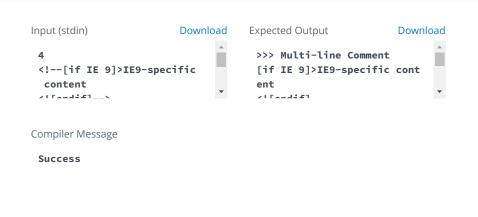
63/115 challenges solved
Rank: 6324 | Points: 1115 ①



Problem	Submissions	Leaderboard	Discussions	Editorial 🖰	1
* This section assumes that you understand the basics discussed in HTML Parser - Part 1					Author
.handle_comment(data)					Difficulty
This method is called when a comment is encountered (e.g. comment).					Max Score
The <i>data</i> argument is the content inside the comment tag:					Submitted By
					NEED HELP?
from HTMLParser import HTMLParser					View discussions
class MyHTMLParser(HTMLParser):					
<pre>def handle_comment(self, data):</pre>					☐ View editorial
print "Comment :", data					▼ View top submissions
					RATE THIS CHALLENGE
					\Diamond \Diamond \Diamond \Diamond \Diamond
.handle_data(data)					
This method is called to process arbitrary data (e.g. text nodes and the content of <script></script> and <style></style>).					MORE DETAILS
The <i>data</i> argument is the text content of HTML.					
The data argament	is the text content of the				
from HTMLPars	ser import HTMLParse	er			Suggest Edits
class MyHTMLP	Parser(HTMLParser):				FF ¥ m
def handle_data(self, data): print "Data :", data					
print '	"Data :", data				
Task					
You are given an <i>Hī</i>	TML code snippet of $oldsymbol{N}$ I	ines.			
Your task is to print	the single-line commer	nts, multi-line comments	and the <i>data</i> .		
Print the result in th	ne following format:				
>>> Single-li	ne Comment				
Comment	The commerte				
>>> Data					
My Data >>> Multi-lin	ne Comment				
Comment_multi					
Comment_multiline[1]					
>>> Data					

```
My Data
  >>> Single-line Comment:
Note: Do not print data if data == '\n'.
Input Format
The first line contains integer N, the number of lines in the HTML code snippet.
The next N lines contains HTML code.
Constraints
0 < N < 100
Output Format
Print the single-line comments, multi-line comments and the data in order of their occurrence from top
to bottom in the snippet.
Format the answers as explained in the problem statement.
Sample Input
  <!--[if IE 9]>IE9-specific content
  <![endif]-->
   <div> Welcome to HackerRank</div>
   <!--[if IE 9]>IE9-specific content<![endif]-->
Sample Output
  >>> Multi-line Comment
   [if IE 9]>IE9-specific content
   <![endif]
  >>> Data
   Welcome to HackerRank
  >>> Single-line Comment
   [if IE 9]>IE9-specific content<![endif]</pre>
```

```
K Z S
                                       Python 3
1 from html.parser import HTMLParser
 3 ▼ class MyHTMLParser(HTMLParser):
 4 ▼ def handle_comment(self,comment):
        if('\n' in comment):
 5 ▼
 6
          print('>>> Multi-line Comment')
 7 ▼
        else:
         print('>>> Single-line Comment')
 8
 9
        print(comment)
     def handle_data(self,data):
10 ▼
        if(data=='\n'):
11 ▼
12
          return
13
        print('>>> Data')
14
        print(data)
15 | html = ""
16 ▼ for i in range(int(input())):
        html += input().rstrip()
17
        html += '\n'
18
19
```



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