



HTML Parser - Part 2 ★

90/115 challenges solved

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*This section assumes that you understand the basics discussed in [HTML Parser - Part 1](#)

[.handle_comment\(data\)](#)

This method is called when a comment is encountered (e.g. `<!--comment-->`).

The data argument is the content inside the comment tag:

```
from HTMLParser import HTMLParser

class MyHTMLParser(HTMLParser):
    def handle_comment(self, data):
        print "Comment :", data
```

[.handle_data\(data\)](#)

This method is called to process arbitrary data (e.g. text nodes and the content of `<script>...</script>` and `<style>...</style>`).

The data argument is the text content of HTML.

```
from HTMLParser import HTMLParser

class MyHTMLParser(HTMLParser):
    def handle_data(self, data):
        print "Data :", data
```

Task

You are given an HTML code snippet of **N** lines.

Your task is to print the single-line comments, multi-line comments and the data.

Print the result in the following format:

```
>>> Single-line Comment
Comment
>>> Data
My Data
>>> Multi-line Comment
Comment_multiline[0]
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

```
4
<!--[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]
```

Change Theme
Language
Python 3

```

1  from html.parser import HTMLParser
2
3
4  class MyHTMLParser(HTMLParser):
5      def handle_comment(self, data):
6          if len(data):
7              if '\n' in data:
8                  print(">>> Multi-line Comment")
9              else:
10                 print(">>> Single-line Comment")
11
12                 print(data)
13      def handle_data(self, data):
14          if len(data.strip()):
15              print(">>> Data")
16              print(data)
17
18
19  if __name__ == '__main__':
20      html = ""
21      for i in range(int(input())):
22          html += input().rstrip()
23          html += '\n'
24
25  parser = MyHTMLParser()

```

Line: 28 Col: 1

 Upload Code as File

☐ Test against custom input

Run Code

Submit Code

You have earned 30.00 points!

90/115 challenges solved.

78%



Congratulations

You solved this challenge. Would you like to challenge your friends?

[Next Challenge](#)

✓ Test case 0

✓ Test case 1

✓ Test case 2

✓ Test case 3

✓ Test case 4

✓ Test case 5

Compiler Message

Success

Input (stdin)

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```
1 4
2 <!--[if IE 9]>IE9-specific content
3 <![endif]-->
4 <div> Welcome to HackerRank</div>
5 <!--[if IE 9]>IE9-specific content<![endif]-->
```

Expected Output

[Download](#)

```
1 >>> Multi-line Comment
2 [if IE 9]>IE9-specific content
```

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