

## Submission Detail

<b>ID</b>	#508558
<b>Problem</b>	Flatten ( <a href="https://ejudge.it.kmitl.ac.th/problem/2935">https://ejudge.it.kmitl.ac.th/problem/2935</a> )
<b>Username</b>	it60070183(นายธีรภัทร ไกรศรีสิริกุล) ( <a href="https://ejudge.it.kmitl.ac.th/account/1506">https://ejudge.it.kmitl.ac.th/account/1506</a> )
<b>Language</b>	Python
<b>Correctness Score</b>	100 Points
<b>Bonus Score</b>	900 Points
<b>Quality</b>	100% <a href="#">How to improve your code</a>
<b>Summary Score</b>	1000 Points
<b>Time</b>	2017-10-25 22:23:48

## Details

<b>Case 1</b> [#6147] :	<b>Passed</b>	0.04954100 sec.
<b>Case 2</b> [#6148] :	<b>Passed</b>	0.05078800 sec.
<b>Case 3</b> [#6149] :	<b>Passed</b>	0.04948400 sec.
<b>Case 4</b> [#6150] :	<b>Passed</b>	0.05023500 sec.
<b>Case 5</b> [#6151] :	<b>Passed</b>	0.05059600 sec.
<b>Case 6</b> [#6152] :	<b>Passed</b>	0.05061300 sec.
<b>Case 7</b> [#6153] :	<b>Passed</b>	0.05800800 sec.
<b>Case 8</b> [#6154] :	<b>Passed</b>	0.06246300 sec.
<b>Case 9</b> [#6155] :	<b>Passed</b>	0.04970800 sec.
<b>Case 10</b> [#6156] :	<b>Passed</b>	0.05000400 sec.

## Code

pointers=false&textReferences=false&showOnlyOutputs=false&py=3&rawInputLstJSON=%5B%5D&curlInstr=0)

```
1  """
2  PSIT - Week 10
3  Teerapat Krairisirikul (60070183)
4  """
5
6  import json
7
8  def main():
9      """ Main function """
10     numlist = json.loads(input())
11
12     while has_list(numlist):
13         for i in numlist:
14             if isinstance(i, list):
15                 destroy_list(numlist, i)
16
17     print(sorted(numlist, reverse=True))
18
19 def has_list(var):
20     """ Check if a list has another list inside """
21     for i in var:
22         if isinstance(i, list):
23             return True
24     return False
25
26 def destroy_list(numlist, var):
27     """ Destroy a list and seperate its member into the current list """
28     for i in var:
29         numlist.append(i)
30     numlist.remove(var)
31
32 main()
```