Programming Assignment-2: Max and Min

Given a list of numbers (integers), find second maximum and second minimum in this list.

**Input Format:**

The first line contains numbers separated by a space.

**Output Format:**

Print second maximum and second minimum separated by a space

**Example:**

Input:

1 2 3 4 5

Output:

4 2

**Sample Test Cases**

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<tr>
<th>Test Case</th>
<th>Input</th>
<th>Output</th>
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<tr>
<td>Test Case 1</td>
<td>10 11 100 200 300 34</td>
<td>200 11</td>
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<tr>
<td>Test Case 2</td>
<td>10 10</td>
<td>10 10</td>
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<tr>
<td>Test Case 3</td>
<td>1 1 1 1</td>
<td>1 1</td>
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</table>
The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Sample solutions (Provided by instructor)

```python
1 a = [int(x) for x in input().split()]
3 a.sort() #this command sorts the list in ascending order
5 print(a[-2], a[1])
```
(unit? unit=39&lesson=54)

○ Theory of Evolution 01
  (unit? unit=39&lesson=55)

○ Theory of Evolution 02
  (unit? unit=39&lesson=56)

○ Theory of Evolution 03
  (unit? unit=39&lesson=57)

○ Theory of Evolution 04
  (unit? unit=39&lesson=58)

○ Quiz:
  Assignment 3
  (assessment? name=262)

○ Programming Assignment-1:
  Loops, List and Sum
  (/noc20_cs35/progassignment? name=273)

○ Programming Assignment-2: Max and Min
  (/noc20_cs35/progassignment? name=274)

○ Programming Assignment-3:
  Multiple of 5
  (/noc20_cs35/progassignment? name=275)

○ Week 3 Feedback
  (unit? unit=39&lesson=278)

week 4

Week 5

Week 6

Week 7

Week 8
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