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NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » The Joy of Computing using Python (course)

Announcements (announcements)

About the Course (https://swayam.gov.in/nd1_noc20_cs35/preview)   Ask a Question (forum)

Progress (student/home)   Mentor (student/mentor)

Course outline

How does an NPTEL online course work?

Week 0

Week 1

Week 2

Week 3

🔵 Lists Part 1 : Introduction (unit? unit=39&lesson=40)

⚪ Lists Part 2 : Manipulation (unit? unit=39&lesson=41)

⚪ Lists Part 3 : Operations (unit? unit=39&lesson=42)

🔵 Lists Part 4 : Slicing (unit? unit=39&lesson=43)

Programming Assignment-2: Max and Min

Due on 2020-02-20, 23:59 IST

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

	Input	Output
Test Case 1	10 11 100 200 300 34	200 11
Test Case 2	10 10	10 10
Test Case 3	1 1 1 1	1 1

Test Case 4	1 2 3 4 5 6 7 8	7 2
Test Case 5	2 3 4 5	4 3
Test Case 6	1 3 5 7	5 3
Test Case 7	1 2 88 99 100	99 2
Test Case 8	100 44 200 10	100 44

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.
Sample solutions (Provided by instructor)

```
1  a = [int(x) for x in input().split()]
2
3  a.sort() #this command sorts the list in ascending order
4
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

Week 9

Week 10

Week 11

Week 12

Text Transcripts

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