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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » Programming, Data Structures And Algorithms Using Python (course)



Course outline

How does an NPTEL online course work? ()

Week 1 : Introduction ()

Week 1 Quiz ()

Week 2: Basics of Python ()

Week 2 Quiz ()

Week 2 Programming Assignment ()

Week 3: Lists, inductive

Online Test 1 Question 3

Due on 2020-12-01, 12:00 IST

Question 3

Here is a function to compute the smallest of three input integers. You have to fill in the missing lines.

```
def min3(x,y,z):
    if x <= y:
        if x <= z:
            minimum = x
        # Your code below this line

    # Your code above this line
    return(minimum)
```

Open up the code submission box below and fill in the gap in the code. Ensure that you maintain correct indentation.

Sample Test Cases

	Input	Output
Test Case 1	min3(1,2,3)	1
Test Case 2	min3(2,3,1)	1
Test Case 3	min3(3,1,2)	1
Test Case 4	min3(2,3,2)	2

function definitions, sorting ()
Week 3 Programming Assignment ()
Week 4: Sorting, Tuples, Dictionaries, Passing Functions, List Comprehension ()
Week 4 Quiz ()
Week 4 Programming Assignment ()
Week 5: Exception handling, input/output, file handling, string processing ()
Week 5 Programming Assignment ()
Week 6: Backtracking, scope, data structures; stacks, queues and heaps ()
Week 6 Quiz ()

Test Case 5

min3(2,2,3)

2

Test Case 6

min3(3,3,3)

3

Test Case 7

min3(3,2,2)

2

Test Case 8

min3(1,2,3)

1

Test Case 9

min3(2,1,3)

1

Test Case 10

min3(3,2,1)

1

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

**Week 7:
Classes,
objects and
user defined
datatypes ()**

**Week 7 Quiz
()**

**Week 8:
Dynamic
programming,
wrap-up ()**

**Week 8
Programming
Assignment
()**

**Text
Transcripts ()**

Books ()

**Download
Videos ()**

**Online
Programming
Test -
Sample ()**

**Online
Programming
Test 1, 01
Dec 2020,
10:00-12:00
()**

- ☒ Instructions
(unit?
unit=126&lesson=127)
- ☐ Online Test 1
Question 1
(/noc20_cs26/progassignment?
name=131)
- ☐ Online Test 1
Question 2
(/noc20_cs26/progassignment?
name=132)

☐ Online Test 1
Question 3
(/noc20_cs26/progassignment?
name=134)

☐ Online Test 1
Question 4
(/noc20_cs26/progassignment?
name=136)

☐ Online Test 1
Question 5
(/noc20_cs26/progassignment?
name=137)

☐ Online Test 1
Question 6
(/noc20_cs26/progassignment?
name=138)

☐ Online Test 1
Question 7
(/noc20_cs26/progassignment?
name=139)

☐ Online Test 1
Question 8
(/noc20_cs26/progassignment?
name=140)

**Online
Programming
Test 2, 01
Dec 2020,
20:00-22:00
()**

**Online
Programming
Test 1, 09
Mar 2021,
10:00-12:00
()**

**Online
Programming
Test 2, 09
Mar 2021,
20:00-22:00
()**

