

X



(<https://swayam.gov.in>)



(https://swayam.gov.in/nc_details/NPTEL)

ajeetskbp9843@gmail.com ▾

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



Sample Online Test Question 3

Due on 2021-03-09, 23:59 IST

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

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
()

Instructions

There will be two online programming tests on 9 March, 2021. This is a sample test to explain what the actual test will look like.

- These tests account for 25% of the total evaluation for the course.
- The duration of the test is 2 hours.
- The first test will be from 10:00 am–12:00 noon and the second from 8:00 pm–10:00 pm, on Tuesday, 9 March, 2021.
- You can attempt one or both of the tests. The best score will be counted..

Question 3

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

```
def max4(w,x,y,z):  
    if w >= x and w >= y and w >= z:  
        maximum = w  
    # Your code below this line  
  
    # Your code above this line  
    return(maximum)
```

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	max4(1,3,4,2)	4
Test Case 2	max4(4,1,3,2)	4
Test Case 3	max4(3,1,2,4)	4
Test Case 4	max4(3,4,2,1)	4
Test Case 5	max4(11,13,15,17)	17
Test Case 6	max4(32,12,16,11)	32

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 ()**

- ☐ Sample Online
Test Question
1
(/noc20_cs26/progassignment?
name=118)
- ☐ Sample Online
Test Question
2
(/noc20_cs26/progassignment?
name=119)
- ☐ **Sample
Online Test
Question 3
(/noc20_cs26/progassignment?
name=120)**
- ☐ Sample Online
Test Question
4
(/noc20_cs26/progassignment?
name=121)

☐ Sample Online
Test Question
5
(/noc20_cs26/progassignment?
name=122)

☐ Sample Online
Test Question
6
(/noc20_cs26/progassignment?
name=123)

☐ Sample Online
Test Question
7
(/noc20_cs26/progassignment?
name=124)

☐ Sample Online
Test Question
8
(/noc20_cs26/progassignment?
name=125)

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

**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
()**

