

NPTEL

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Courses » Programming, Data Structures and Algorithms using Python

Progress FAQ



Unit 5 - Week 2 Quiz



Register for Certification exam

Course outline

How to access the portal

Week 1: Introduction

Week 1 Quiz

Week 2: Basics of Python

Week 2 Quiz

Quiz : 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

Week 2 Quiz

The due date for submitting this assignment has passed. Due on 2019-02-13, 23:59 IS

Course

Ask a Question

in

Assignment submitted on 2019-02-13, 22:13 IST

Announcements

All questions carry equal weightage. All Python code is assumed to be executed using Python3. You may submit as many times as you like within the deadline. Your final submission will be graded. **Note**:

- If the question asks about a value of type string, remember to enclose your answer in single or double quotes.
- If the question asks about a value of type list, remember to enclose your answer in square brackets and use commas to separate list items.
- 1) One of the following 10 statements generates an error. Which one? (Your answer should be a number between 1 and 10.)

```
x = [1,"abcd",2,"efgh",[3,4]] # Statement 1
y = x[0:50]
                               # Statement 2
                               # Statement 3
z = v
                               # Statement 4
W = X
x[1] = x[1][0:3] + 'd'
                               # Statement 5
y[2] = 4
                               # Statement 6
z[0] = 0
                               # Statement 7
x[1][1:2] = 'yzw'
                               # Statement 8
w[4][0] = 1000
                               # Statement 9
a = (x[4][1] == 4)
                               # Statement 10
```

8

Yes, the answer is correct.

Score: 2.5

Accepted Answers:

(Type: String) 8

2.5 points

2) Consider the following lines of Python code.

2.5 points

```
x = ['a',42,'b',377]
w = x[1:]
y = x
u = w
w = w[0:]
w[0] = 53
x[1] = 47
```

handling, string processing

Week 5 **Programming Assignment**

Week 6: Backtracking, scope, data structures; stacks, queues and heaps

Week 6 Quiz

Week 7: Classes, objects and user defined datatypes

Week 7 Quiz

Download

Text Transcripts

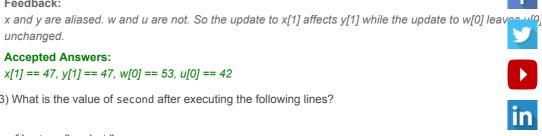
Which of the following is correct?

- x[1] == 47, y[1] == 47, w[0] == 53, u[0] == 42
- x[1] == 47, y[1] == 47, w[0] == 53, u[0] == 53
- x[1] == 47, y[1] == 42, w[0] == 53, u[0] == 53
- x[1] == 47, y[1] == 42, w[0] == 53, u[0] == 53

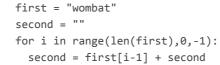
Yes, the answer is correct.

Score: 2.5

Feedback:



3) What is the value of second after executing the following lines?





Yes, the answer is correct.

Score: 2.5

Accepted Answers:

(Type: Regex Match) \s*\"wombat\"\s* (Type: Regex Match) \s*\'wombat\'\s*

2.5 points

4) What is the value of list1 after the following lines are executed?

```
def mystery(1):
  1 = 1[2:5]
  return()
list1 = [7,82,44,23,11]
mystery(list1)
```

[7,82,44,23,11]

Yes, the answer is correct.

Score: 2.5

https://onlinecourses.nptel.ac.in/noc19_cs08/unit?unit=20&assessment=97

Accepted Answers:

(Type: Regex Match) \s*\[\s*7\s*,\s*82\s*,\s*44\s*,\s*23\s*,\s*11\s*]\s*

2.5 points

2/3

End

















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