

DAILY ONLINE ACTIVITIES SUMMARY

Date:	21/06/2020	Name:	Deepa
Sem & Sec	8th Sem	USN:	4AL16CS029
Online Test Summary			
Subject	- -		
Max. Marks	- -	Score	- -
Certification Course Summary			
Course	Complete Python 3 Course for Beginners		
Certificate Provider	udemy.com/	Duration	18 hrs
Coding Challenges			
Problem Statement: 1) Write a Python program to check whether a given a binary tree is a valid binary search tree (BST) or not?			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		Daily_report	
Uploaded the report in slack		yes	

Online Test Details:

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Certification Course Details:

- ✓ 81. Login logic
12min
- ✓ 82. Web.py sessions
11min
- ✓ 83. Logout functionality
5min
- ✓ 84. Posting microblogs
9min
- ✓ 85. Retrieving post objects
6min
- ✓ 86. User settings and updating Mongo
18min
- ✓ 87. Relative datetimes
3min
- ✓ 88. Making our post dates pretty
3min
- ✓ 89. Adding post comments
14min
- ✓ 90. Image uploads and avatars
22min

Section 10: Project #6 - Django Web Framework

0 / 11 | 1hr 5min



- ✓ 91. Django project setup
6min
- ✓ 92. Creating our blog app
9min
- ✓ 93. Setting up the admin site
6min
- ✓ 94. URLs and views
4min
- ✓ 95. HTML templates
2min
- ✓ 96. Dynamic template data
6min

- ✓ 97. Single post page
6min

- ✓ 98. Implementing Bootstrap
3min
- ✓ 99. Static files
4min
- ✓ 100. Template inheritance
10min

- ✓ 101. Post images, multi-level templates, and more
9min



Coding Challenges Details:

Program 1:

INT_MAX = 4294967296

INT_MIN = -4294967296

class Node:

def __init__(self, data):

self.data = data

self.left = None

self.right = None

def isBST(node):

return (isBSTUtil(node, INT_MIN, INT_MAX))

def isBSTUtil(node, mini, maxi):

if node is None:

return True

if node.data < mini or node.data > maxi:

return False

return (isBSTUtil(node.left, mini, node.data -1) and

isBSTUtil(node.right, node.data+1, maxi))

root = Node(4)

root.left = Node(2)

root.right = Node(5)

root.left.left = Node(1)

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root.left.right = Node(3)
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if (isBST(root)):
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    print ("Is BST")
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```
else:
```

```
    print ("Not a BST")
```

