

DAILY ONLINE ACTIVITIES SUMMARY

Date:	21/06/2020	Name:	Divya C H
Sem & Sec	8 th Sem	USN:	4AL16CS033
Online Test Summary			
Subject	- -		
Max. Marks	- -	Score	- -
Certification Course Summary			
Course	Programming network in java		
Certificate Provider	udemy.com/	Duration	2 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:

The screenshot shows a web browser window displaying a Udemy course page. The browser's address bar shows the URL: `udemy.com/course/programming-network-applications-in-java/learn/lecture/13927538#overview`. The page header includes the Udemy logo, the course title "Programming Network Applications in Java", and navigation links like "Leave a rating", "Your progress", and "Share". The main content area features a video player with a large play button overlay. To the right of the video is a "Course content" sidebar listing various topics with their durations and "Resources" links. The topics include "threads" (16min), "10. Advancing the Multithreaded TCP Program" (7min), "11. Bonus Examples" (6min), "Section 4: UDP Socket in Java" (4 / 4 | 32min), "12. Simple UDP Program (Receiver)" (12min), "13. Simple UDP Program (Sender)" (6min), and "14. Thorough Explanation of the Simple UDP Program + Adding a Loop" (14min). Below the video player, there are tabs for "Overview", "Q&A", "Notes", and "Announcements". A section titled "About this course" is visible, with the subtitle "TCP and UDP sockets in Java". At the bottom of the browser window, a Windows taskbar is visible with various application icons and a system clock showing 22:43 on 21-06-2020.

Udemy | Programming Network Applications in Java

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Course content

- threads 16min Resources
- 10. Advancing the Multithreaded TCP Program 7min Resources
- 11. Bonus Examples 6min Resources
- Section 4: UDP Socket in Java 4 / 4 | 32min
 - 12. Simple UDP Program (Receiver) 12min Resources
 - 13. Simple UDP Program (Sender) 6min Resources
 - 14. Thorough Explanation of the Simple UDP Program + Adding a Loop 14min Resources

About this course

TCP and UDP sockets in Java

This type of file can harm your computer. Do you want to keep binary_search_tree.py anyway? Keep Discard

Show all

22:43 21-06-2020

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)

root.left.right = Node(3)


if (isBST(root)):

    print ("Is BST")

else:

    print ("Not a BST")
```

