DAILY ONLINE ACTIVITIES SUMMARY

Date:	17-06-2020	Name:	Sinchana Kamath
Sem & Sec	8th sem B sec	USN:	4AL16CS102

Online Test Summary			
Subject	-		
Max. Marks	-	Score	-

Certification Course Summary			
Course	Aws certified developer		
Certificate Provider	Aws	Duration	2hr

Coding Challenges
Problem Statement- # Python program to check if a binary tree is bst or not
Status: completed

Uploaded the report in Github	yes
If yes Repository name	Sinchana Kamath
Uploaded the report in slack	yes

Online Test Details: (Attach the snapshot and briefly write the report for the same)

Certification Course Details: (Attach the snapshot and briefly write the report for the same)
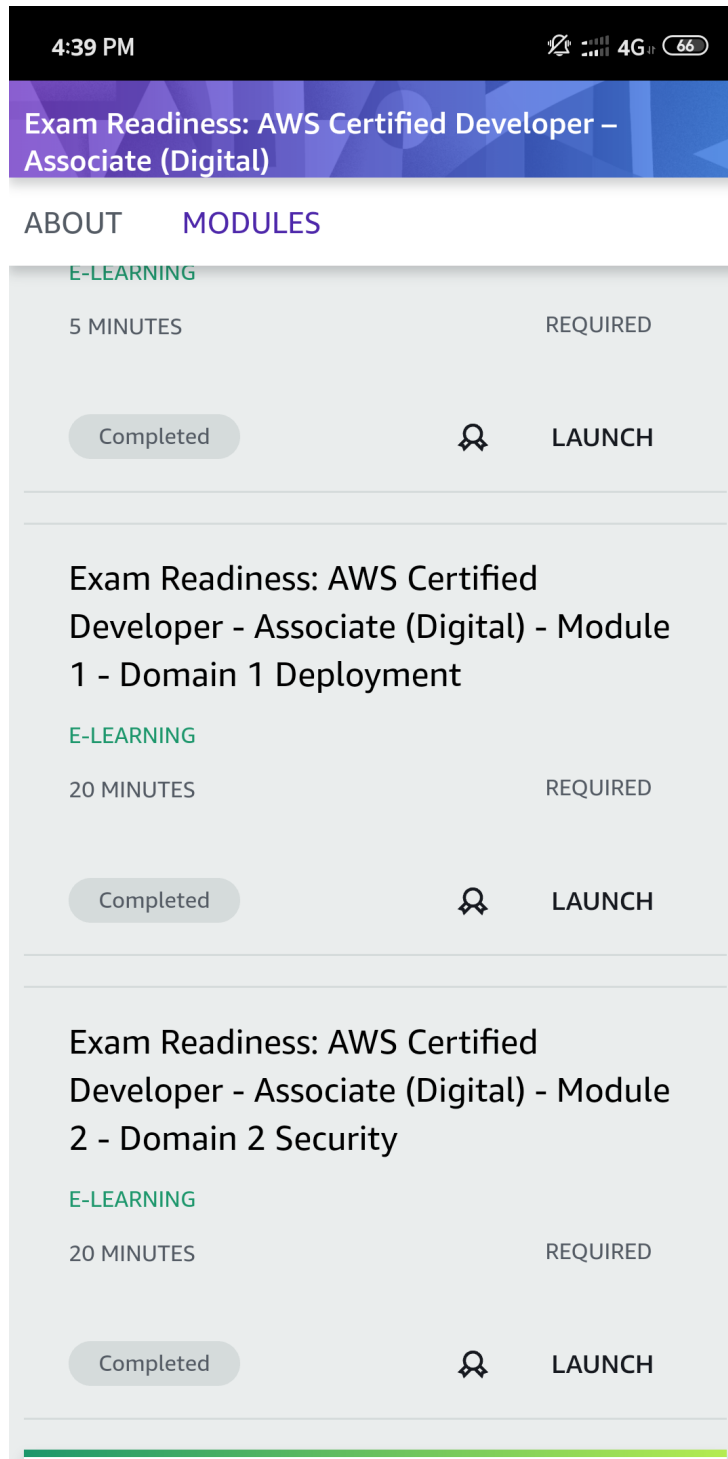
Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

Coding was given and it was uploaded for github and slack

```python
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)
```

```python
if (isBST(root)):
    print ("Is BST")
else:
    print ("Not a BST")
```