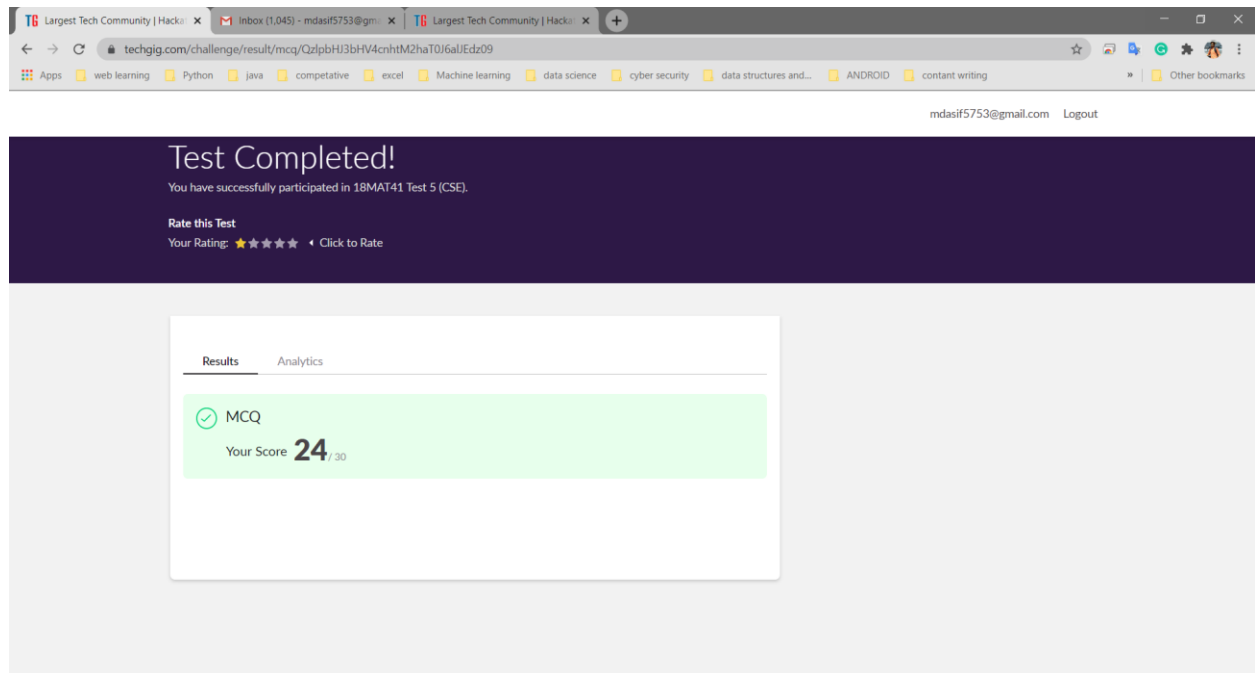


4DAILY ONLINE ACTIVITIES SUMMARY

Date:	16/06/2020	Name:	M MAHAMMAD ASIF
Sem & Sec	4 th Sem & 'A' Sec	USN:	4AL18CS045
Online Test Summary			
Subject	Complex Analysis, Probability And Statistical Methods(18mat41)		
Max. Marks	30	Score	24
Certification Course Summary			
Course	Complete Python Boot camp : Go Beginner to Expert in Python 3		
Certificate Provider	Udemy	Duration	11 Hours
Coding Challenges			
Problem Statement: 1. 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		https://github.com/alvas-education-foundation/M_MAHAMMAD_ASIF	
Uploaded the report in slack		Yes	

Online Test Details: Today on the subject Complex Analysis, Probability and Statistical Methods (18mat41) test was conducted. It consists of 15 MCQs of two marks each. I had scored 24 marks out of 30 marks.

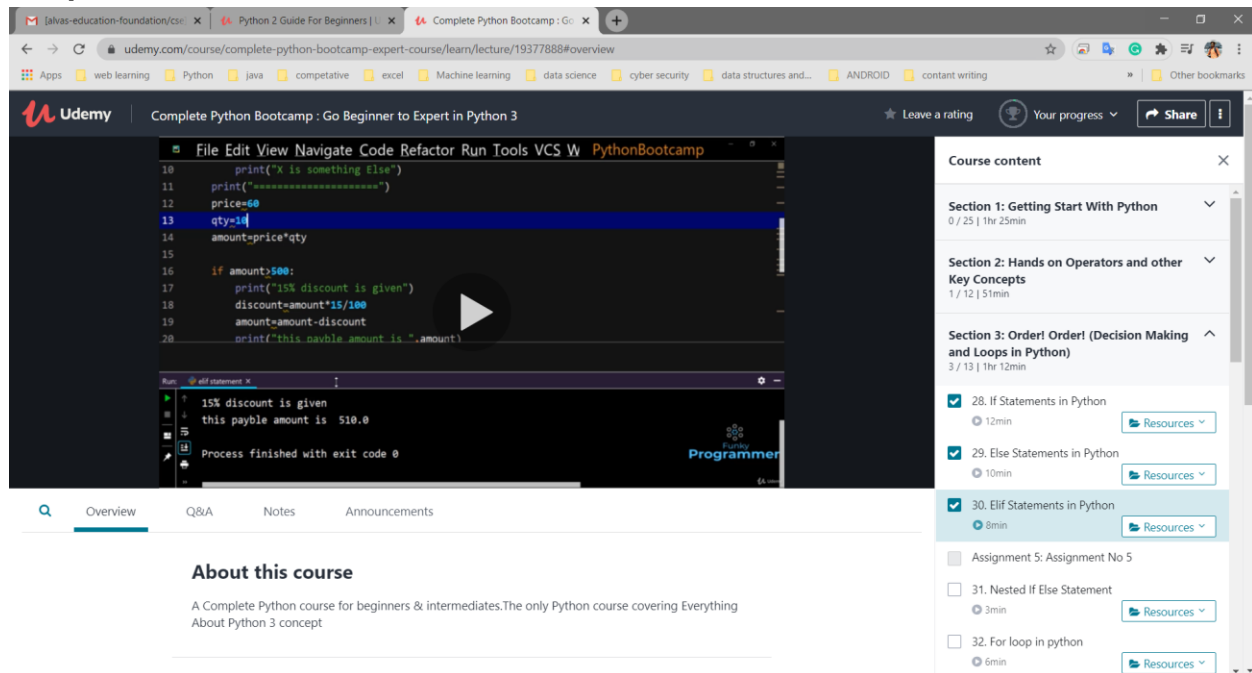
Snapshot:



Certification Course Details: Today I started new course that is “ Complete Python Boot camp : Go Beginner to Expert in Python 3 ”. This was about 11 hours of Duration. I had studied some basic and key concepts today.

In additional to this some other online courses I had completed, as a proof of it, I uploaded the Certificates in my other repository named “Completed course certificates.”

Snapshot:



Above is the Snapshot of today's certification course.

Coding Challenges Details: Today Two problems were given. The first Problem that is c program was given by Prof Venkatesh and the second problem was given by Prof Vasudev. I had solved only one problem that is python program and I uploaded the code in GitHub. The problem statement was:

1. Python program to check whether a given a binary tree is a valid binary search tree (BST) or not?

Snapshot:

The screenshot shows a web browser displaying a GitHub repository page. The browser's address bar shows the URL: `github.com/alvas-education-foundation/M_MAHAMMAD_ASIF/blob/master/coding_solutions/Python%20Programs/ValidBST_or_not.py`. The repository is named `alvas-education-foundation / M_MAHAMMAD_ASIF`. The page shows the file `ValidBST_or_not.py` selected, with a commit history table and the file's code content displayed below.

Repository: `alvas-education-foundation / M_MAHAMMAD_ASIF`

generated from `alvas-education-foundation/progress_template`

Branch: `master` | `M_MAHAMMAD_ASIF / coding_solutions / Python Programs / ValidBST_or_not.py` / <> Jump to ~ Find file Copy path

mdasit9900	16/06/2020	27d53f1	43 seconds ago
1 contributor			

46 lines (36 sloc) | 1.11 KB

Raw Blame History

```
1 INT_MAX = 4294967296
2 INT_MIN = -4294967296
3
4 # A binary tree node
5 class Node:
6
7     # Constructor to create a new node
8     def __init__(self, data):
9         self.data = data
10        self.left = None
11        self.right = None
12
13
14 # Returns true if the given tree is a binary search tree
15 # (efficient version)
16 def isBST(node):
17     return (isBSTUtil(node, INT_MIN, INT_MAX))
18 ..
```