

## DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	11-06-2020	<b>Name:</b>	D Jasmine Joyline
<b>Sem &amp; Sec</b>	VI Sem A	<b>USN:</b>	4AL17CS024
<b>Online Test Summary</b>			
<b>Subject</b>	-		
<b>Max. Marks</b>	30	<b>Score</b>	-
<b>Certification Course Summary</b>			
<b>Course</b>	ONLINE JAVA MASTER CLASS		
<b>Certificate Provider</b>	eBOX	<b>Duration</b>	1.5hr
<b>Coding Challenges</b>			
<b>Problem Statement:</b> <ol style="list-style-type: none"> <li>1. Write a python function that converts a string to all uppercase, provided it contains at least 2 uppercase characters in the first 4 characters. Else print the string as it is</li> <li>2. Write a Java program to find the nodes which are at the maximum distance in a Binary Tree</li> </ol>			
<b>Status:Completed</b>			
<b>Uploaded the report in Github</b>		Yes	
<b>If yes Repository name</b>		<a href="https://github.com/alvas-education-foundation/D_Jasmine_Joyline/tree/master/daily_progress">https://github.com/alvas-education-foundation/D_Jasmine_Joyline/tree/master/daily_progress</a>	
<b>Uploaded the report in slack</b>		Yes	

## Online Test Details:

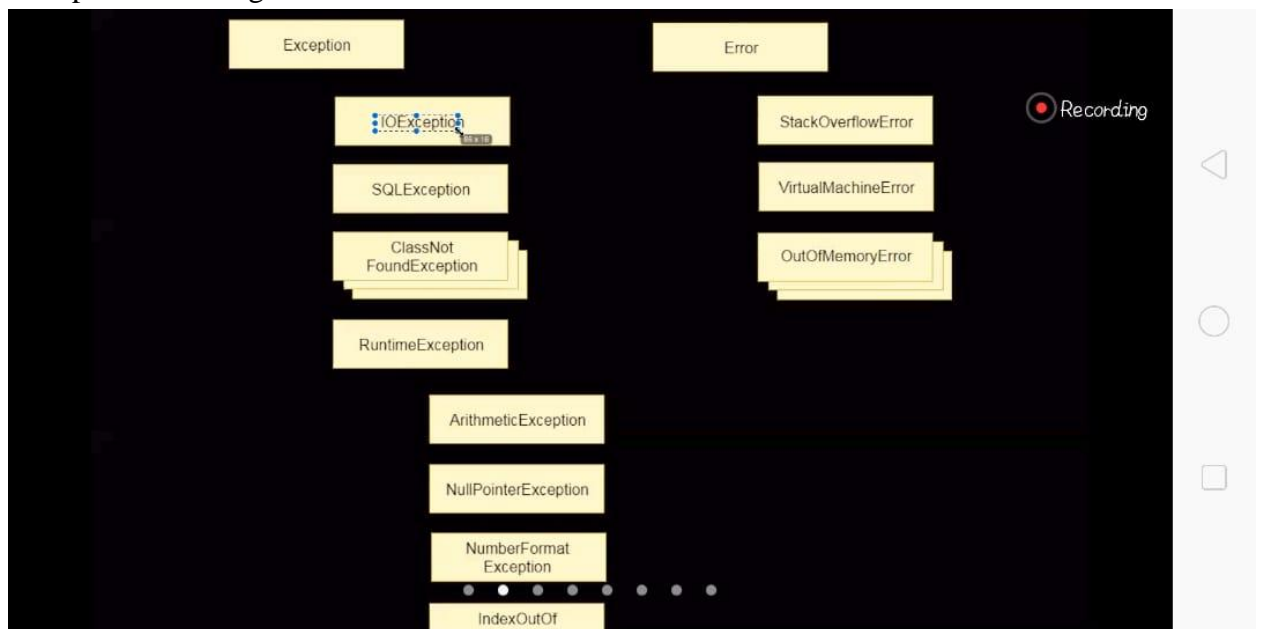
Not conducted

## Certification Course Details:

Online Java Master Class through Zoom-

Topics covered are:

- Exception Handling



## Coding Challenges Details:

1. Write a python function that converts a string to all uppercase, provided it contains at least 2 uppercase characters in the first 4 characters. Else print the string as it is

1 Input:

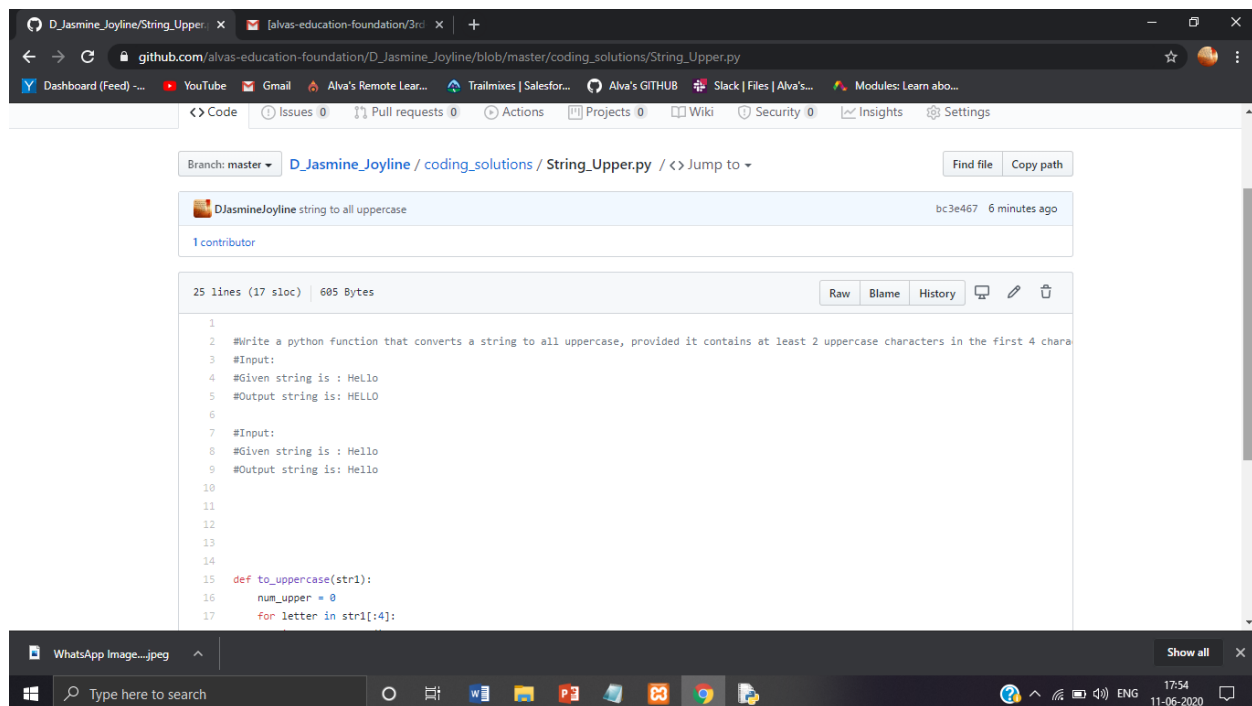
Given string is : HeLlo

Output string is: HELLO

2. Input:

Given string is : Hello

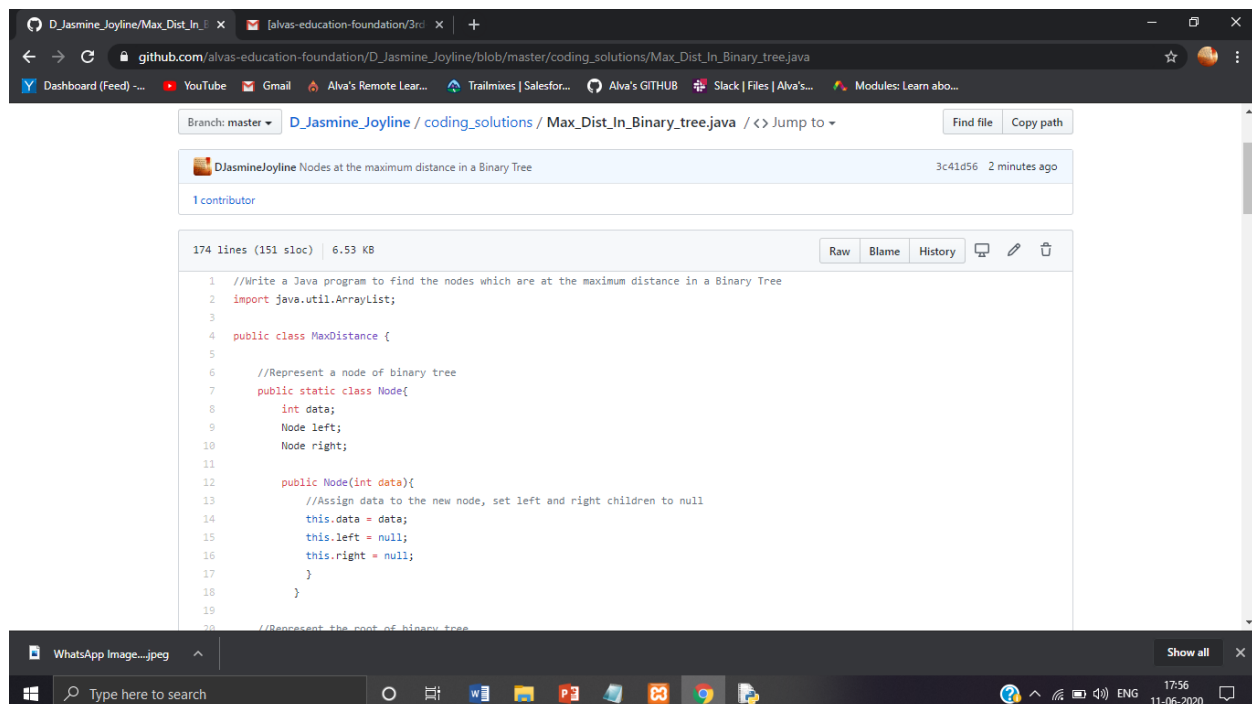
Output string is: Hello



The screenshot shows a web browser displaying a GitHub repository page for the file `String_Upper.py`. The browser's address bar shows the URL `github.com/alvas-education-foundation/D_Jasmine_Joyline/blob/master/coding_solutions/String_Upper.py`. The repository name is `D_Jasmine_Joyline` and the file path is `coding_solutions / String_Upper.py`. The file is 25 lines long (17 sloc) and 605 Bytes. The commit hash is `bc3e467` and it was committed 6 minutes ago by 1 contributor. The code is a Python function that converts a string to all uppercase, provided it contains at least 2 uppercase characters in the first 4 characters. The code is as follows:

```
1
2 #Write a python function that converts a string to all uppercase, provided it contains at least 2 uppercase characters in the first 4 characters
3 #Input:
4 #Given string is : Hello
5 #Output string is: HELLO
6
7 #Input:
8 #Given string is : Hello
9 #Output string is: Hello
10
11
12
13
14
15 def to_uppercase(str1):
16     num_upper = 0
17     for letter in str1[:4]:
```

2. Write a Java program to find the nodes which are at the maximum distance in a Binary Tree



The screenshot shows a web browser displaying a GitHub repository page for the file `Max_Dist_In_Binary_tree.java`. The browser's address bar shows the URL `github.com/alvas-education-foundation/D_Jasmine_Joyline/blob/master/coding_solutions/Max_Dist_In_Binary_tree.java`. The repository name is `D_Jasmine_Joyline` and the file path is `coding_solutions / Max_Dist_In_Binary_tree.java`. The file is 174 lines long (151 sloc) and 6.53 KB. The commit hash is `3c41d56` and it was committed 2 minutes ago by 1 contributor. The code is a Java program that finds the nodes which are at the maximum distance in a Binary Tree. The code is as follows:

```
1 //Write a Java program to find the nodes which are at the maximum distance in a Binary Tree
2 import java.util.ArrayList;
3
4 public class MaxDistance {
5
6     //Represent a node of binary tree
7     public static class Node{
8         int data;
9         Node left;
10        Node right;
11
12        public Node(int data){
13            //Assign data to the new node, set left and right children to null
14            this.data = data;
15            this.left = null;
16            this.right = null;
17        }
18    }
19
20    //Represent the root of binary tree
```