

## DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	10-07-2020	<b>Name:</b>	M C Suchithra Heggade
<b>Sem &amp; Sec</b>	6 <sup>th</sup> Sem A	<b>USN:</b>	4AL17CS047
<b>Online Test/ Pre-placement Training Summary</b>			
<b>Subject</b>	System Software and Compiler Design		
<b>Max. Marks</b>	30	<b>Score</b>	-
<b>Online Certification Summary</b>			
<b>Course</b>	Python Data structure		
<b>Certificate Provider</b>	Coursera	<b>Duration</b>	-
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Write a Java program to implement password creation			
<b>Status:</b> Completed			
<b>Uploaded the report in Github</b>		Yes	
<b>If yes Repository name</b>		<a href="https://github.com/Suchitraheggade/certification-on-Online-coding">https://github.com/Suchitraheggade/certification-on-Online-coding</a>	
<b>Uploaded the report in slack</b>		Yes	

## Online Test Details:

Attended SSCD Descriptive IA Test from 9:30 to 11am

## Online Training Details:

-

## Online Certification Details:

The screenshot shows a web browser window displaying a Coursera lecture page. The browser's address bar shows the URL: `coursera.org/learn/python-data/lecture/HnHCM/6-1-strings`. The page header includes the Coursera logo and the user's name, Likhitha.M. The main content area is titled 'Python Data Structures > Week 1 > 6.1 - Strings'. The lecture video player shows a timestamp of 0:08. The video content includes a transcript: 'Hello and welcome to Chapter 6. Now we're going to talk about strings. This is really the last chapter that I'm just going to ask you to please learn something without exactly knowing how to do it. We're just sort of chopping food. It's like you're going to be a chef eventually, but we're just chopping food. So Chapter 6 is the last chapter that you just have to learn how to chop food. We're going to actually make a meal in Chapter 7. Once we have a file, then all of the things that we've learn how to do are going to come into play. So just trust me and listen for one more chapter. So we literally have been using strings from the very first moment because the first thing we did is print Hello world, and so, you know, this is a slide from a couple of lectures ago. And so, you know, we take two strings, double quote, single quotes, we use the plus, remember it looks to the left, looks to the right, concatenates, remember that doesn't put a space there. And here's a string that has digits. And now we're going to try to add 1 to it, and it blows up. Yeah. You know, it's hardly even - you're not really sad when you see traceback by now, hopefully. You're just like, oh, traceback's a normal thing. I'm trying to learn. TypeError: cannot concatenate strings and integer. It's trying to tell you what's going on. And we're all good. We then take the string, we pass it to the int function, and then that comes back with 123, and we add that and it becomes 124. So it's all good, right? It's all good, and we've been doing that for a while. Another thing we've been'. On the right side, there is a 'Notes (2)' section. The first note is titled 'We're going to actually make a meal in Chapter 7.' and the second note is titled 'Hello and welcome to Chapter 6. Now we're going to talk about strings. This is really the last chapter that I'm just going to ask you to please learn something without exactly knowing how to do it. We're just sort of chopping food. It's like you're going to be a chef eventually, but we're just chopping food. So Chapter 6 is the last chapter that you just have to learn how to chop food. We're going to actually make a meal in Chapter 7. Once we have a file, then all of the things that we've learn how to do are going to come into play. So just trust me and listen for one more chapter. So we literally have been using strings from the very first moment because the first thing we did is print Hello world, and so, you know, this is a slide from a couple of lectures ago. And so, you know, we take two strings, double quote, single quotes, we use the plus, remember it looks to the left, looks to the right, concatenates, remember that doesn't put a space there. And here's a string that has digits. And now we're going to try to add 1 to it, and it blows up. Yeah. You know, it's hardly even - you're not really sad when you see traceback by now, hopefully. You're just like, oh, traceback's a normal thing. I'm trying to learn. TypeError: cannot concatenate strings and integer. It's trying to tell you what's going on. And we're all good. We then take the string, we pass it to the int function, and then that comes back with 123, and we add that and it becomes 124. So it's all good, right? It's all good, and we've been doing that for a while. Another thing we've been'. Below the notes, there is a slide titled 'Looking Inside Strings' which shows a string 'banana' with indices 0 to 5 and a code snippet: `xxx fruit = 'banana'
xxx index = fruit[2]
xxx print(index)
4
xxx a = 1
xxx a = fruit[2] - 1
xxx print(a)
n`. The Windows taskbar at the bottom shows the time as 19:47 on 10-07-2020.

## Coding Challenges Details:

Write a Java program to implement password creation

Input: Hello

World

Output:HWecolrlld

```
import java.util.*;
public class Main
{
    static String password_creation(String a,String b)
    {
        String s="";
        int i=0,j=0;
```

```

    int m=a.length();
    int n=b.length();
    char chara[]=a.toCharArray();
    char charb[]=b.toCharArray();
    while(i<m || j<n)
    {
        if(i<m)
        {
            s+=String.valueOf(chara[i]);
            i++;
        }
        if(j<n)
        {
            s+=String.valueOf(charb[j]);
            j++;
        }
    }
    return s;
}

public static void main(String[] args) {
    Scanner sc =new Scanner(System.in);
    System.out.println("Enter the two strings: ");
    String a=sc.next();
    String b=sc.next();
    System.out.println("Resultant password: "+password_creation(a,b));
}
}

```