

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	22-07-2020	<b>Name:</b>	Manikya K
<b>Sem &amp; Sec</b>	8 <sup>th</sup> ,A	<b>USN:</b>	4AL16CS050
<b>Online Test Summary</b>			
<b>Subject</b>	Not Conducted		
<b>Max. Marks</b>		<b>Score</b>	
<b>Certification Course Summary</b>			
<b>Course</b>	1) Robotic Process Automation (RPA) 2) Introduction to ethical hacking 3) Introduction to cyber security 4) Introduction to Hadoop		
<b>Certificate Provider</b>	1) GUVI 2) Great learner academy	<b>Duration</b>	RPA – 4 Hrs Ethical hacking - 6 Hrs Cyber Security - 7 Hrs Hadoop – 4 Hrs
<b>Coding Challenges</b>			
Problem Statement: <span style="color: green;">function to mirror characters of a string</span>			
<b>Status: Solved</b>			
<b>Uploaded the report in Github</b>		Yes	
<b>If yes Repository name</b>		manikya-20	
<b>Uploaded the report in slack</b>		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)

## 1) Certification Course Details:

### A) Robotic process Automation:



### B) Introduction to ethical hacking:



**C) Introduction to Cyber Security:**



**D) Introduction to Hadoop:**



## 2) Coding Challenges:

```
def mirrorChars(input,k):

    # create dictionary
    original = 'abcdefghijklmnopqrstuvwxyz'
    reverse = 'zyxwvutsrqponmlkjihgfedcba'
    dictChars = dict(zip(original,reverse))

    # separate out string after length k to change
    # characters in mirror
    prefix = input[0:k-1]
    suffix = input[k-1:]
    mirror = ""

    # change into mirror
    for i in range(0,len(suffix)):
        mirror = mirror + dictChars[suffix[i]]

    # concat prefix and mirrored part
    print (prefix+mirror)
```