DAILY ONLINE ACTIVITIES SUMMARY

Date:	27-06-2020	Name:	Manikya K
Sem & Sec	8th,A	USN:	4AL16CS050

Online Test Summary			
Subject	Not Conducted		
Max. Marks		Score	

Certification Course Summary			
Course	1) **Robotic Process Automation (RPA)** 2) **Introduction to ethical hacking** 3) **Introduction to cyber security** 4) **Introduction to Hadoop**		
Certificate Provider	1) GUVI 2) Great learner academy	Duration	RPA – 4 Hrs Ethical hacking - 6 Hrs Cyber Security - 7 Hrs Hadoop – 4 Hrs

Coding Challenges	
Problem Statement: **Python program to** Reconstruct the array by replacing arr[i] with (arr[i-1]+1) % M	
Status: Solved	
Uploaded the report in Github	Yes
If yes Repository name	manikya-20
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)

1) Certification Course Details:

A) Robotic process Automation:

GUVI
tech deserves you

Manikya K

is here by awarded the certificate of achievement for
the successful completion of

Step into Robotic Process Automation

during GUVI's RPA SKILL-A-THON 2020

S.P.Balamurugan

S.P.Balamurugan
Co-founder, CEO

Valid certificate ID 7n0aT7G50610Ev3B91

Verified certificate issue on June 2 2020

Verify certificate at www.guvi.in/certificate?id=7n0aT7G50610Ev3B91

In association with

Ui|Path Academic Alliance

B) Introdution to ethical hacking:

greatlearning
Learning for Life

Certificate of completion

Presented to

Manikya K

For successfully completing a free online course
Introduction to Ethical Hacking

Provided by
Great Learning Academy
(On May 2020)

To verify this certificate visit verify.greatlearning.in/NRYREXMJ

C) Introduction to Cyber Security:

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Introduction to Cyber Security

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Great Learning Academy
(On June 2020)

To verify this certificate visit verify.greatlearning.in/IGQOLKIS

D) Introduction to Hadoop:

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Introduction to Hadoop

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Great Learning Academy
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2) Coding Challenges:

```python
def construct(n, m, a):
    ind = 0

    # Finding the index which is not -1
    for i in range(n):
        if (a[i]!=-1):
            ind = i
            break

    # Calculating the values of the indexes ind-1 to 0
    for i in range(ind-1, -1, -1):
        if (a[i]==-1):
            a[i]=(a[i + 1]-1 + m)% m

    # Calculating the values of the indexes ind + 1 to n
    for i in range(ind + 1, n):
        if(a[i]==-1):
            a[i]=(a[i-1]+1)% m
    print(*a)

# Driver code
n, m = 6, 7
a =[5, -1, -1, 1, 2, 3]
construct(n, m, a)
```