

DAILY ONLINE ACTIVITIES SUMMARY

Date:	16/07/2020	Name:	Nagashree D
Sem & Sec	8th A	USN:	4AL16CS055
Online Test Summary			
Subject	--		
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 learning Academy	Duration	RPA – 4 Hrs Ethical hacking - 6 Hrs Cyber Security - Hrs Hadoop – 4 Hrs
Coding Challenges			
Problem Statement: Java Program to determine whether a given matrix is an identity matrix			
Status: Solved`			
Uploaded the report in Github		Yes	
If yes Repository name		Nagashreed	
Uploaded the report in slack		Yes	

Certification Course Details



Certificate of completion

Presented to

Nagashree D

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/VUUXFOUV



Certificate of completion

Presented to

Nagashree D

For successfully completing a free online course
Introduction to Cyber Security

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Great Learning Academy

(On June 2020)

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



Nagashree D

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

Co-founder, CEO

Valid certificate ID 5n0817r1OB597A17YN

Verified certificate issue on June 2 2020

Verify certificate at www.guvi.in/certificate?id=5n0817r1OB597A17YN

In association with



Certificate of completion

Presented to

Nagashree D

For successfully completing a free online course
Introduction to Hadoop

Provided by

Great Learning Academy

(On June 2020)

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

Coding Challenges Details

```
public class IdentityMatrix
{
    public static void main(String[] args) {
        int rows, cols;
        boolean flag = true;

        //Initialize matrix a
        int a[][] = {
            {1, 0, 0},
            {0, 1, 0},
            {0, 0, 1}
        };

        //Calculates the number of rows and columns present in the given matrix

        rows = a.length;
        cols = a[0].length;

        //Checks whether given matrix is a square matrix or not
        if(rows != cols){
            System.out.println("Matrix should be a square matrix");
        }
        else {
            //Checks if diagonal elements are equal to 1 and rest of elements are 0

```

```
for(int i = 0; i < rows; i++){  
    for(int j = 0; j < cols; j++){  
        if(i == j && a[i][j] != 1){  
            flag = false;  
            break;  
        }  
        if(i != j && a[i][j] != 0){  
            flag = false;  
            break;  
        }  
    }  
}  
  
if(flag)  
    System.out.println("Given matrix is an identity matrix");  
else  
    System.out.println("Given matrix is not an identity matrix");  
}  
}
```