

DAILY ONLINE ACTIVITIES SUMMARY

Date:	6/06/2020	Name:	Nagashree D
Sem & Sec	8th A	USN:	4AL16CS055
Online Test Summary			
Subject	IOT		
Max. Marks	30	Score	15
Certification Course Summary			
Course	Cyber Security		
Certificate Provider	Great learning Academy	Duration	7hr
Coding Challenges			
Problem Statement: Java Program to find the Transpose of a given Matrix			
Status: Solved			
Uploaded the report in Github		Yes	
If yes Repository name		Nagashreed	
Uploaded the report in slack		Yes	

Online Test Details:

Test Completed!

You have successfully participated in IoT IA4.

Rate this Test

Your Rating: ★★★★★ ◀ Click to Rate

Results

Analytics



MCQ

Your Score **30** / 30

Certification Course Details

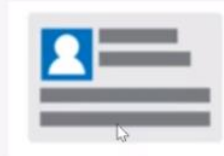


Secure System Design

Security goals and its implementation

greatlearning
Learning for Life

- Authentication:-It is the process of giving individuals access to system objects based on their identity
- Authorization:- It is the function of specifying access rights/privileges to resources.



Authentication

Who you are



Authorization

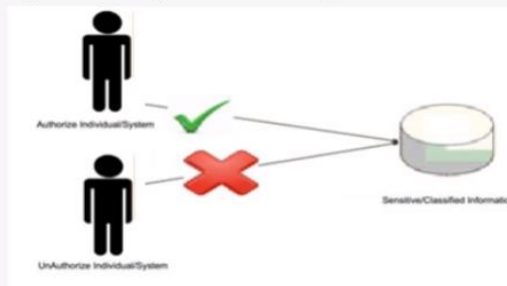
What you can do

Secure System Design

Security goals and its implementation

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- Confidentiality:- IT refers to protecting information from being accessed by unauthorized parties.



- Accountability :- It means that every individual who works with a system should have specific responsibilities for information assurance.

Coding Challenges Details:

Java Program to find the Transpose of a given Matrix

```
public class Transpose
{
    static final int N = 4;

    static void transpose(int A[][], int B[][])
    {
        int i, j;
        for (i = 0; i < N; i++)
            for (j = 0; j < N; j++)
                B[i][j] = A[j][i];
    }

    public static void main (String[] args)
    {
        int A[][] = { { 1, 1, 1, 1 },
                       { 2, 2, 2, 2 },
                       { 3, 3, 3, 3 },
                       { 4, 4, 4, 4 } };

        int B[][] = new int[N][N], i, j;

        transpose(A, B);

        System.out.print("Result matrix is n");
        for (i = 0; i < N; i++)
        {
            for (j = 0; j < N; j++)
                System.out.print(B[i][j] + " ");
            System.out.print("n");
        }
    }
}
```