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**	**30**

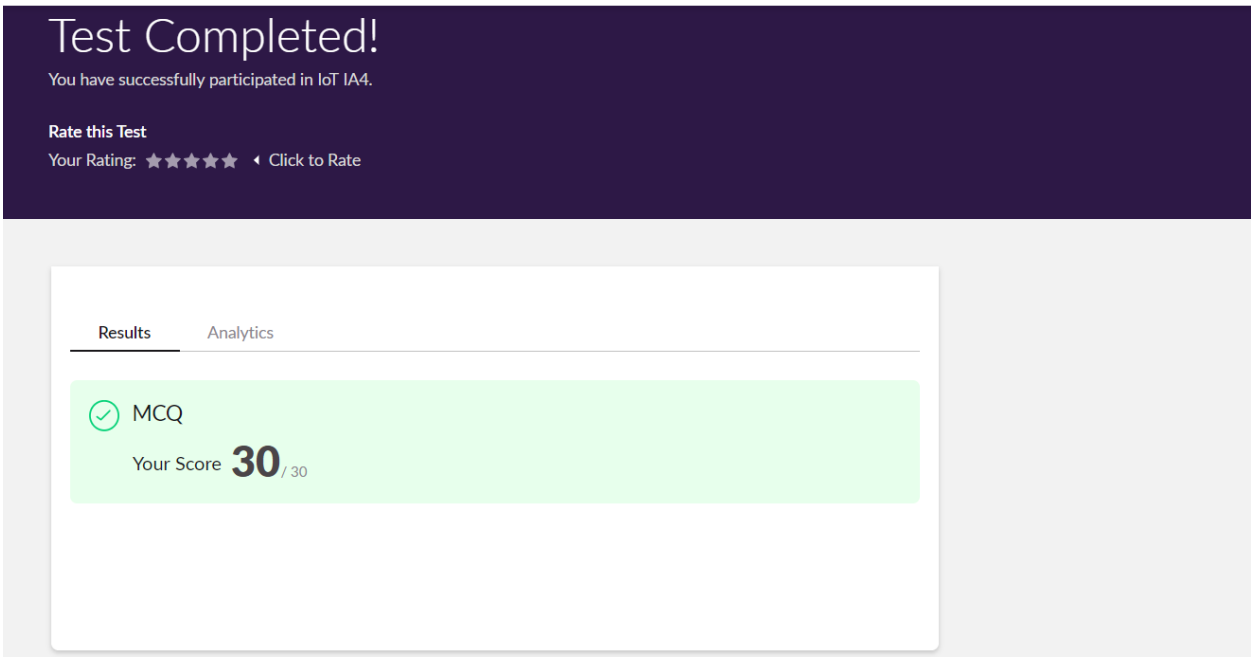
Certification Course Summary

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:



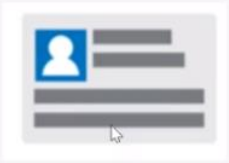
Certification Course Details

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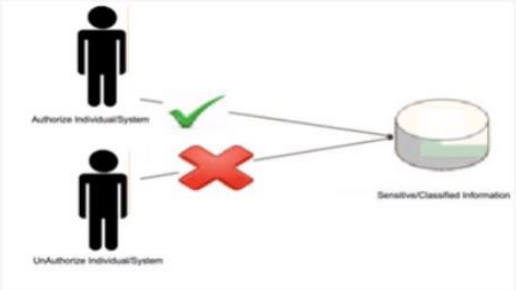
- Confidentiality:- IT refers to protecting information from being accessed by unauthorized parties.



- 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");
}
}
}
```