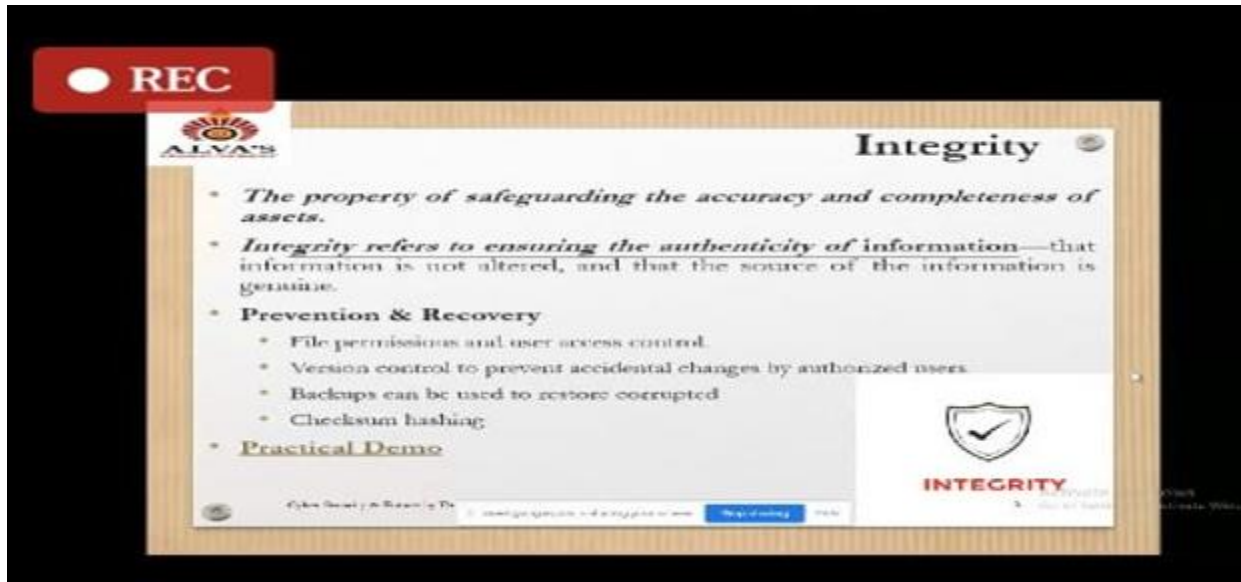


DAILY ONLINE ACTIVITIES SUMMARY

Date:	26-06-2020	Name:	M.C Suchithra Heggade
Sem & Sec	6th Sem 'A' Sec	USN:	4AL17CS047
Online Test Summary			
Subject	Networks and CyberSecurity Data Structure with C		
Max. Marks	--	Score	--
Certification Course Summary			
Course	Placement training		
Certificate Provider	--	Duration	--
Coding Challenges			
Problem Statement: 1 program			
Status: done			
Uploaded the report in Github		yes	
If yes Repository name		https://github.com/Suchitraheggade/certification-on-Online-coding https://github.com/Suchithraheggade/Workshop-on-Application-Python-Program	
Uploaded the report in slack		yes	

Class Snapshots:

Networks and Cyber security:



Cyber Security Quiz-1

The form Cyber Security Quiz-1 is no longer accepting responses.

Try contacting the owner of the form if you think that this is a mistake.

Data Structures with C (time 11 to 1):



Binary Tree

A tree whose elements have at most 2 children is called a binary tree. Since each element in a binary tree can have only 2 children, we typically name them the left and right child.

Coding Challenges Details:

1. Permutations

Write a program to print all permutations of a given string.

```
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1 public class Permutation {
2     public static void main(String[] args)
3     {
4         String str = "ABC";
5         int n = str.length();
6         Permutation permutation = new Permutation();
7         permutation.permute(str, 0, n - 1);
8     }
9
10    private void permute(String str, int l, int r)
11    {
12        if (l == r)
13            System.out.println(str);
14        else {
15            for (int i = l; i <= r; i++) {
16                str = swap(str, l, i);
17                permute(str, l + 1, r);
18                str = swap(str, l, i);
19            }
20        }
21    }
22
23    public String swap(String a, int l, int r)
24    {
25        char temp;
26        char[] charArray = a.toCharArray();
27        temp = charArray[l];
28        charArray[l] = charArray[r];
29        charArray[r] = temp;
30        return String.valueOf(charArray);
31    }
32 }
33 }
```

Execute Mode, Version, Inputs & Arguments

JDK 11.0.4 Stdin Inputs

Interactive

CommandLine Arguments

Execute

Result

CPU Time: 0.17 sec(s), Memory: 32548 kilobyte(s) compiled and executed in 0.935 sec(s)

```
ABC
ACB
BAC
BCA
CBA
CAB
```

Refer the github link for detail information :

<https://github.com/Suchithraheggade/Workshop-on-Application-Python-Program>

Solved all the problems and the solutions are uploaded in github account.

<https://github.com/Suchitraheggade/certification-on-Online-coding>

the same report is also available in github:

<https://github.com/Suchitraheggade/Daily Updates>