

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	31/05/2020	<b>Name:</b>	Laxman Pundalik Budihal
<b>Sem &amp; Sec</b>	4 <sup>rd</sup> sem (A sec)	<b>USN:</b>	4AL18CS043
<b>Online Test Summary</b>			
<b>Subject</b>	-		
<b>Max. Marks</b>	-	<b>Score</b>	-
<b>Certification Course Summary</b>			
<b>Course</b>	Introduction to Cybersecurity		
<b>Certificate Provider</b>	CISCO	<b>Duration</b>	30 hours
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Write a Java program to compute nPr			
<b>Status:</b> Completed			
<b>Uploaded the report in GitHub</b>		YES	
<b>If yes Repository name</b>		<a href="https://github.com/alvas-education-foundation/Laxman_Budihal">https://github.com/alvas-education-foundation/Laxman_Budihal</a>	
<b>Uploaded the report in slack</b>		YES	

## Certification Course Details: (Attach the snapshot and briefly write the report for the same)

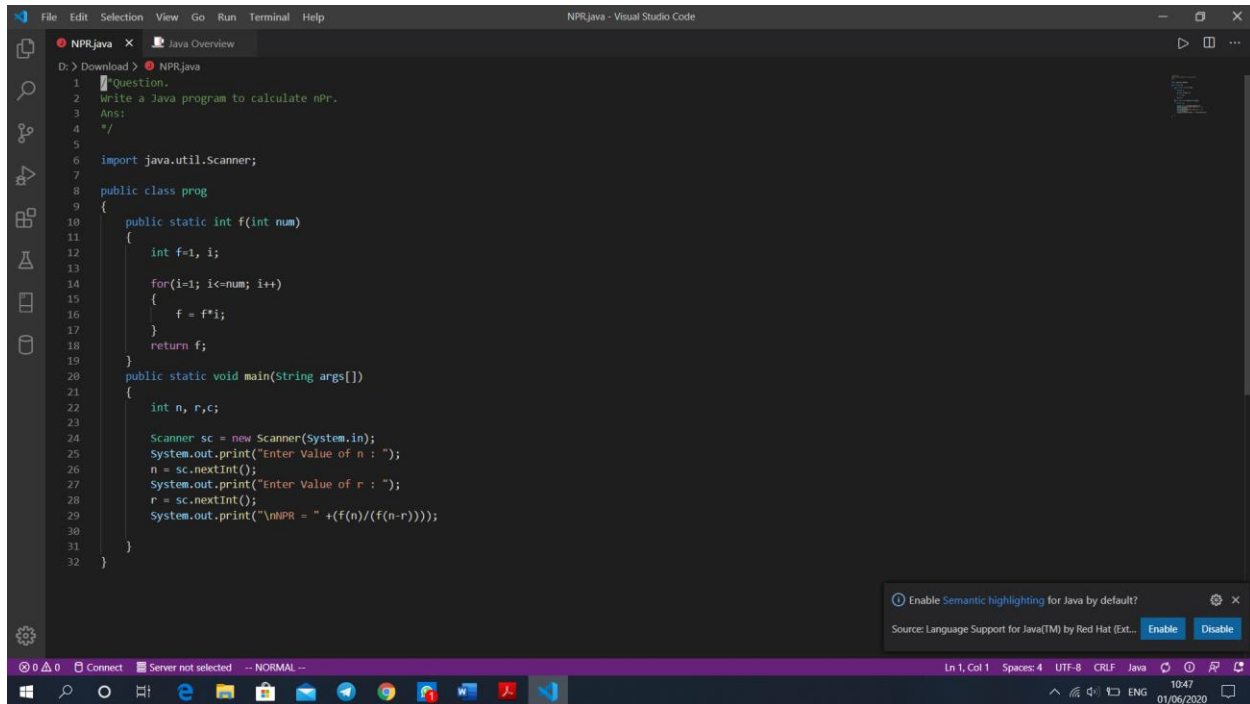
The screenshot displays the Cisco NetAcad interface for a 'Chapter 3 Quiz'. The left sidebar contains navigation links: Home, Modules, Discussions, Grades, Assignments, Quizzes (selected), and Collaborations. The main content area shows the quiz title 'Chapter 3 Quiz' with the following details: Due No due date, Points 24, Questions 12, Time Limit None, and Allowed Attempts Unlimited. Below this, the 'Instructions' section states that the quiz covers content from 'Introduction to Cybersecurity 2.1 Chapter 3' and is designed for practice. A note mentions that quizzes allow for partial credit scoring and that points can be deducted for incorrect answers. A 'Take the Quiz Again' button is prominently displayed. The 'Attempt History' section shows a table with one attempt: 'LATEST' attempt 1, completed in 5 minutes with a score of 24 out of 24. The submission time is noted as 'Submitted Jun 1 at 10:54am'. On the right, 'Last Attempt Details' confirm the time (5 minutes), current score (24 out of 24), and kept score (24 out of 24), with a 'Take the Quiz Again' link and a note about keeping the highest score.

Attempt	Time	Score
LATEST Attempt 1	5 minutes	24 out of 24

Submitted Jun 1 at 10:54am

The today's there is a Quiz based on the chapter 3

## Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)



The screenshot shows the Visual Studio Code editor with a file named `NPR.java` open. The code is a Java program that calculates the number of permutations (nPr) for given values of n and r. The code is as follows:

```
1  //Question.
2  Write a Java program to calculate nPr.
3  Ans:
4  */
5
6  import java.util.Scanner;
7
8  public class prog
9  {
10     public static int f(int num)
11     {
12         int f=1, i;
13
14         for(i=1; i<=num; i++)
15         {
16             f = f*i;
17         }
18         return f;
19     }
20     public static void main(String args[])
21     {
22         int n, r,c;
23
24         Scanner sc = new Scanner(System.in);
25         System.out.print("Enter Value of n : ");
26         n = sc.nextInt();
27         System.out.print("Enter Value of r : ");
28         r = sc.nextInt();
29         System.out.print("\nnPr = " + (f(n)/(f(n-r))));
30     }
31 }
32 }
```

The code is written in Java and uses the `Scanner` class to take input from the user. It defines a method `f` to calculate the factorial of a number and uses it to calculate the number of permutations. The output is printed as `\nnPr =`  followed by the calculated value.

The question I took to code is: Write a Java program to compute nPr