

DAILY ONLINE ACTIVITIES SUMMARY

Date:	09/07/2020	Name:	Divyashree Naik
Sem & Sec	8 th sem A	USN:	4AL16CS034
Online Test Summary			
Subject	---		
Max. Marks	---	Score	---
Certification Course Summary			
Course	Java Programming		
Certificate Provider	Great Learning	Duration	3.5 hrs
Coding Challenges			
Problem Statement: C program to print pascal's triangle			
Status: Complete			
Uploaded the report in Github		Yes	
If yes Repository name		Alvas-Report	
Uploaded the report in slack		Yes	

Online certification:

The screenshot shows the Great Learning website interface. The top navigation bar includes the Great Learning logo, "Home", "Live Sessions", and "Certificates" links. A "My Courses" button and a user profile icon are on the right. The main content area is titled "CONTENT" and "ASSESSMENTS". Under "CONTENT", there is a section for "Learning Videos" with a list of seven videos, each with a play button icon, a title, a duration, and a green checkmark indicating completion.

Video Title	Duration	Status
Agenda	51s	Completed
What is Java	1m	Completed
Install Java & Java IDE	5m	Completed
First Java Program	3m	Completed
Variables and Data Types	6m	Completed
Operators in Java	7m	Completed

Coding Challenge:

The screenshot shows a C++ code editor with a file named "July9Prg.c". The code is a program to calculate Pascal's triangle. It prompts the user to enter the number of rows, which is 5. The output shows the first 5 rows of Pascal's triangle. The code uses nested loops to calculate the coefficients and prints them with appropriate spacing.

```
#include<stdio.h>
int main()
{
    int rows, coef = 1, space, i, j;
    printf("\nEnter the number of rows : ");
    scanf("%d", &rows);
    printf("\n");
    for(i=0; i<rows; i++)
    {
        for(space=1; space <= rows-i; space++)
            printf(" ");
        for(j=0; j <= i; j++)
        {
            if (j==0 || i==0)
                coef = 1;
            else
                coef = coef * (i-j+1) / j;
            printf("%4d", coef);
        }
        printf("\n");
    }
}
```

The output of the program is:

```
Enter the number of rows : 5
1
1 1
1 2 1
1 3 3 1
1 4 6 4 1
```

The program returned 0 (0x0) and execution time was 3.698 s. The build log shows no errors or warnings.