

DAILY ONLINE ACTIVITIES SUMMARY

Date:	18/06/2020	Name:	Divyashree Naik
Sem & Sec	8 th sem A	USN:	4AL16CS034
Online Test Summary			
Subject	System Modeling and Simulation		
Max. Marks	60	Score	---
Certification Course Summary			
Course	Java Programming		
Certificate Provider	Great Learning	Duration	3.5 hrs
Coding Challenges			
Problem Statement: C program to generate first N magic numbers			
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 a web browser window with the URL `olympus.greatlearning.in/courses/12385`. The page header includes the Great Learning logo and navigation links: Home, Live Sessions, Certificates, and a My Courses button. 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	✓
What is Java	1m	✓
Install Java & Java IDE	5m	✓
First Java Program	3m	✓
Variables and Data Types	6m	✓
Operators in Java	7m	✓

Coding Challenge:

The screenshot shows the Code::Blocks IDE with a C++ program named `*June18Prg.c` open. The program is a recursive function to calculate the power of 5. The output window shows the execution results for `N=8`, displaying the sequence of powers of 5 from 5 to 625 and the total execution time of 1.845 seconds. The status bar at the bottom indicates the file is in the C/C++ environment, Windows (CR+LF) line endings, and the cursor is at Line 11, Col 1, Pos 164.

```
6   while (n)
7   {
8       pow = pow*5;
9       if (n & 1)
10        answer += pow;
11        n >>= 1;
12    }
13    return answer;
14
15
16 void main()
17 {
18     int n, i;
19     printf("Enter the value of N: ");
20     scanf("%d", &n);
21     for(i = 1; i <= n; i++)
22     {
23         printf("%d ", nthMagicNo(i));
24     }
25 }
26
```

Enter the value of N: 8
5 25 30 125 130 150 155 625
Process returned 8 (0x8) execution time : 1.845 s
Press any key to continue.

Build file: "no target" in "no project" (compiler: unknown) ==
Build finished: 0 error(s), 0 warning(s) (0 minute(s), 7 second(s)) ==