

## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	15/06/2020	Name:	Divyashree Naik
Sem & Sec	8 <sup>th</sup> sem A	USN:	4AL16CS034
<b>Online Test Summary</b>			
Subject	System Modeling and Simulation		
Max. Marks	60	Score	---
<b>Certification Course Summary</b>			
Course	Java Programming		
Certificate Provider	Great Learning	Duration	3.5 hrs
<b>Coding Challenges</b>			
Problem Statement: C program to implement the binary reversal			
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 Great Learning logo and navigation links: Home, Live Sessions, Certificates, and My Courses. The main content area is titled "CONTENT" and "ASSESSMENTS". Under "CONTENT", there is a section for "Learning Videos" with a list of videos and their durations. All videos have 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 a Code::Blocks IDE window with a C++ program for reversing bits. The code is as follows:

```
1 #include<stdio.h>
2
3 unsigned int reverseBits(unsigned int n)
4 {
5     unsigned int rev = 0;
6     while (n > 0)
7     {
8         rev <<= 1;
9         if (n & 1 == 1)
10             rev ^= 1;
11         n >>= 1;
12     }
13     return rev;
14 }
15
16 int main()
17 {
18     // Your code here
19 }
```

The output window shows the following message:

```
Process returned 0 (0x0)   execution time : 0.031 s
Press any key to continue.
```

The status bar at the bottom indicates the file path: F:\Engg\8sem\June15Prg.c, the language: C/C++, and the encoding: Windows (CR+LF).