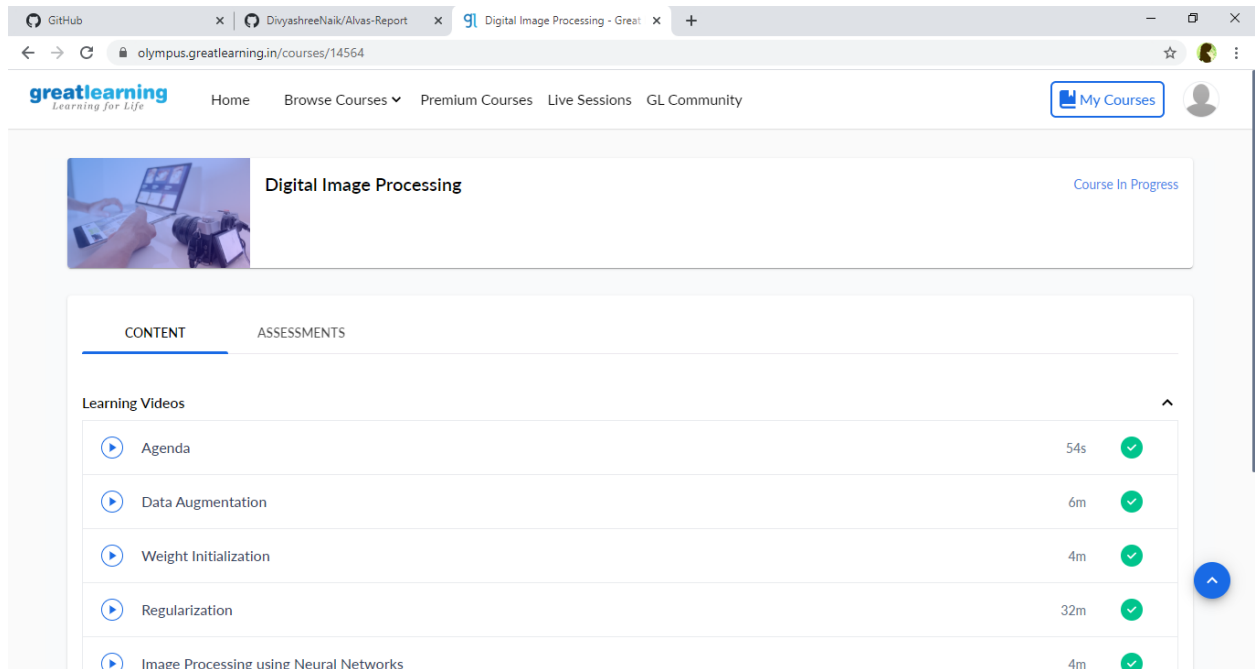


## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	02/08/2020	Name:	Divyashree Naik
Sem & Sec	8 <sup>th</sup> sem A	USN:	4AL16CS034
<b>Online Test Summary</b>			
Subject	---		
Max. Marks	---	Score	---
<b>Certification Course Summary</b>			
Course	Digital Image Processing		
Certificate Provider	Great Learning	Duration	2hrs
<b>Coding Challenges</b>			
Problem Statement: C program to print Armstrong numbers between an interval			
Status: Complete			
Uploaded the report in Github		Yes	
If yes Repository name		Alvas-Report	
Uploaded the report in slack		Yes	

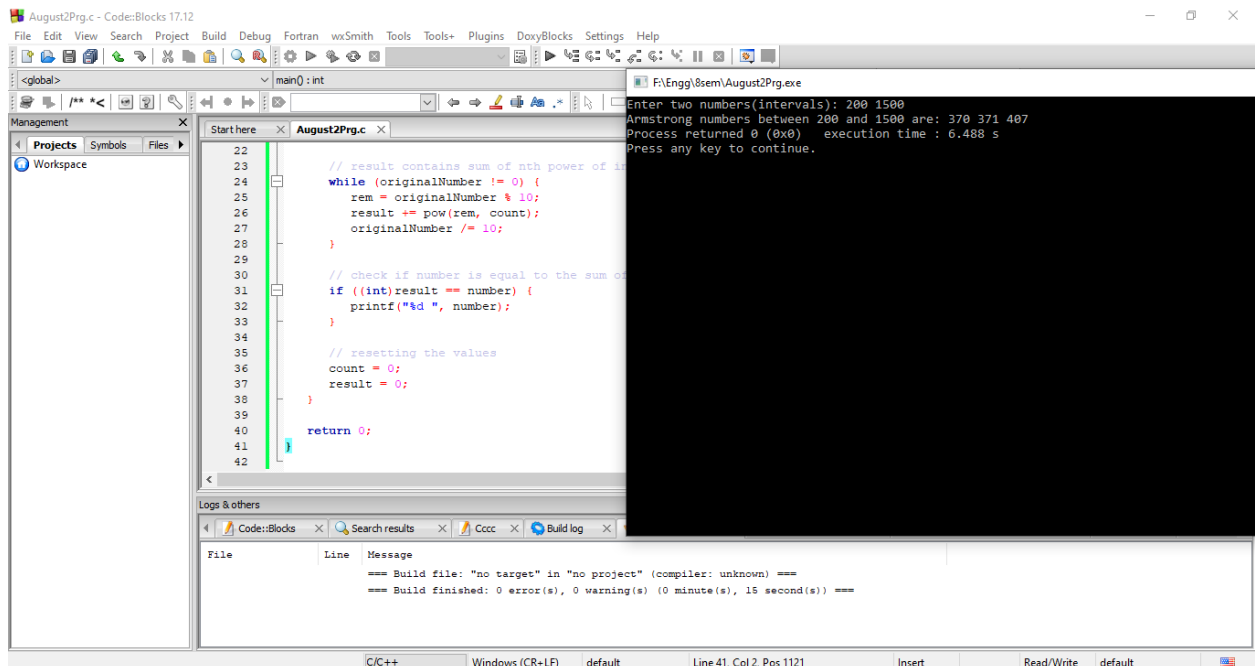
## Online certification:



The screenshot shows the Great Learning website interface. The header includes the Great Learning logo, navigation links (Home, Browse Courses, Premium Courses, Live Sessions, GL Community), and a 'My Courses' button. The main content area features a course card for 'Digital Image Processing' with a 'Course In Progress' status. Below the course card, there is a 'CONTENT' tab and an 'ASSESSMENTS' tab. The 'CONTENT' tab lists 'Learning Videos' with a table of video titles, durations, and completion status.

Video Title	Duration	Status
Agenda	54s	Completed
Data Augmentation	6m	Completed
Weight Initialization	4m	Completed
Regularization	32m	Completed
Image Processing using Neural Networks	4m	Completed

## Coding Challenge:



The screenshot shows the Code::Blocks IDE with a C++ program for finding Armstrong numbers. The program is compiled and executed, displaying the output for the range 200 to 1500. The output shows the Armstrong numbers 370, 371, and 407, along with the execution time of 6.488 seconds.

```
// result contains sum of nth power of 10
while (originalNumber != 0) {
    rem = originalNumber % 10;
    result += pow(rem, count);
    originalNumber /= 10;
}

// check if number is equal to the sum of its digits
if ((int)result == number) {
    printf("%d ", number);
}

// resetting the values
count = 0;
result = 0;
}

return 0;
```

Enter two numbers(intervals): 200 1500  
Armstrong numbers between 200 and 1500 are: 370 371 407  
Process returned 0 (0x0) execution time : 6.488 s  
Press any key to continue.