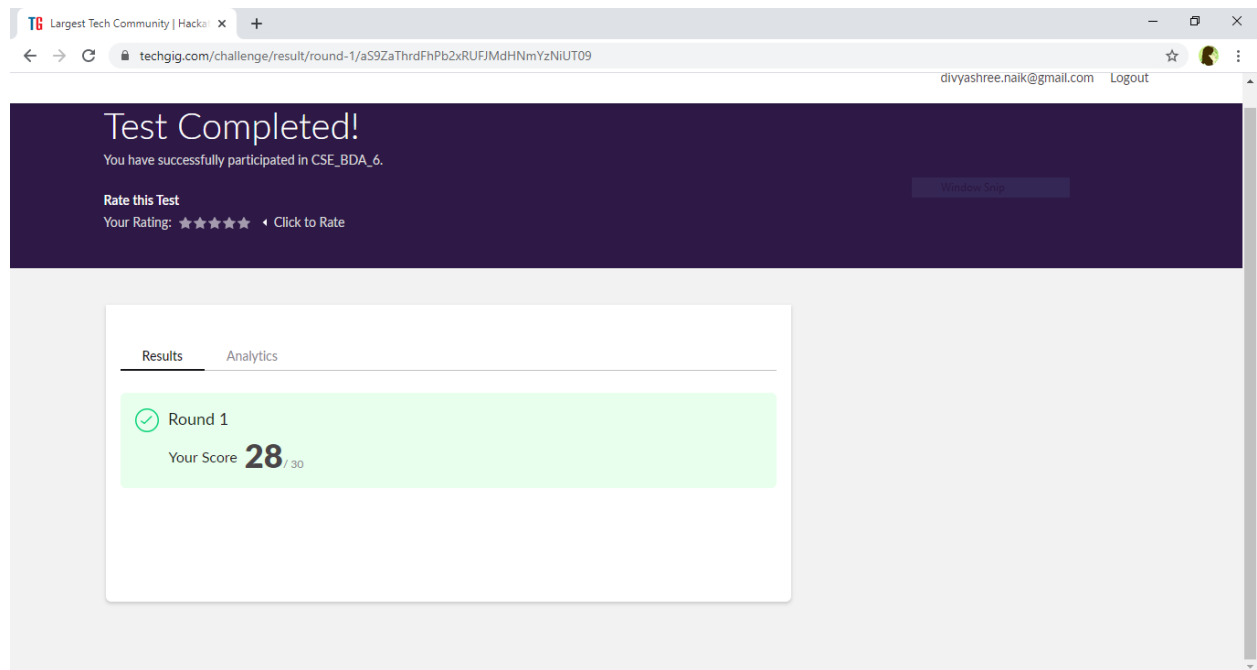
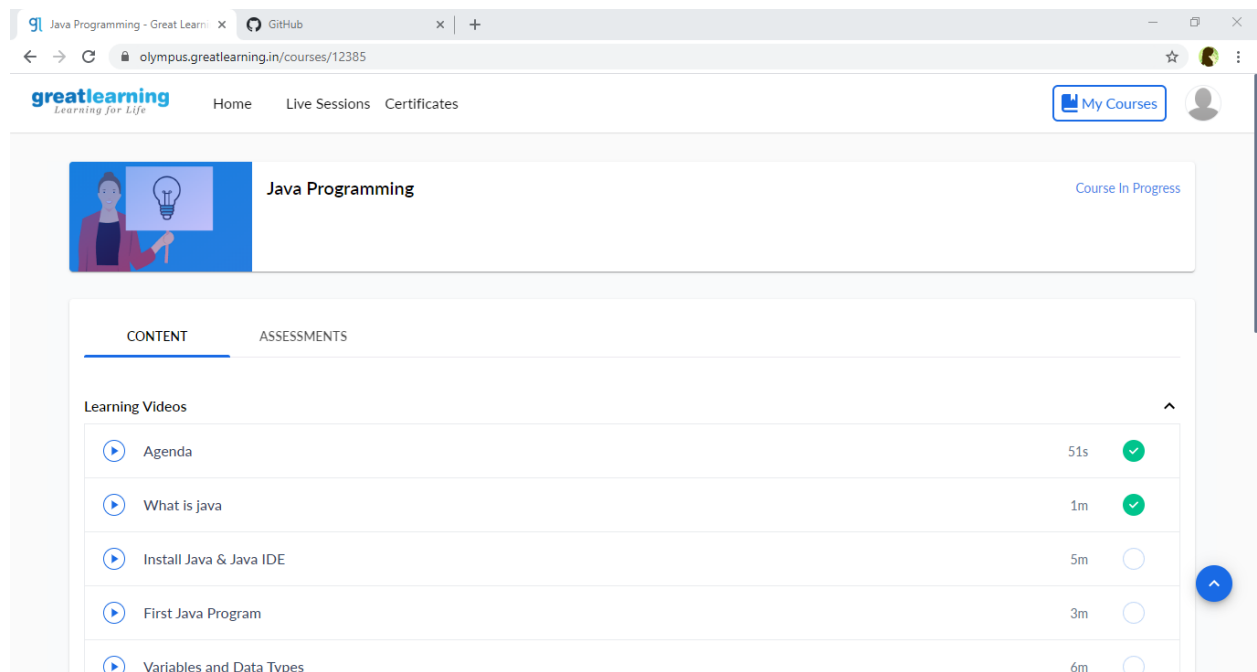


DAILY ONLINE ACTIVITIES SUMMARY

Date:	09/06/2020	Name:	Divyashree Naik
Sem & Sec	8 th sem A	USN:	4AL16CS034
Online Test Summary			
Subject	Big Data Analytics		
Max. Marks	30	Score	28
Certification Course Summary			
Course	Java Programming		
Certificate Provider	Great Learning	Duration	3.5 hrs
Coding Challenges			
Problem Statement: C program to rotate a matrix by K times			
Status: Complete			
Uploaded the report in Github		Yes	
If yes Repository name		Alvas-Report	
Uploaded the report in slack		Yes	



Online certification:



Coding Challenge:

The screenshot shows the Code::Blocks IDE with a C++ project named 'June9Prg.c'. The code implements a matrix rotation function. The output window shows the program's execution, where a 3x3 matrix is entered and rotated by 90 degrees clockwise. The matrix before rotation is:

10	20	30
40	50	60
70	80	90

The matrix after rotation is:

20	30	10
50	60	40
80	90	70

The program returns 0 and execution time is 14.984 s.

```
36
37 printf("Matrix before rotation\n");
38 for(i = 0; i < n1; i++)
39 {
40     for(j = 0; j < n2; j++)
41         printf("%d ",arr[i][j]);
42     printf("\n");
43 }
44
45 for(i = 0; i < n1; i++)
46     arrRotate(arr[i], n2, K);
47
48 printf("Matrix after rotation\n");
49 for(i = 0; i < n1; i++)
50 {
51     for(j = 0; j < n2; j++)
52         printf("%d ",arr[i][j]);
53     printf("\n");
54 }
55
56 return 0;
```

Enter the size of the matrix: 3 3
Enter the Elements of the matrix:
10 20 30
40 50 60
70 80 90
Enter the value of K: 1
Matrix before rotation
10 20 30
40 50 60
70 80 90
Matrix after rotation
20 30 10
50 60 40
80 90 70
Process returned 0 (0x0) execution time : 14.984 s
Press any key to continue.

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