

DAILY ONLINE ACTIVITIES SUMMARY

Date:	26/06/2020	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 find the absolute sum of elements			
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", "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 videos and their durations:

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 C++ coding challenge in Code::Blocks. The code is for a program that sorts an array and calculates the minimum sum of absolute differences between adjacent elements. The code is as follows:

```
35 {
36     int temp = a[j];
37     a[j] = a[j+1];
38     a[j+1] = temp;
39 }
40
41 int main()
42 {
43     int a[20], n, i;
44     printf("Enter the number of elements: ");
45     scanf("%d", &n);
46     printf("Enter the elements: ");
47     for(i=0; i<n; i++)
48     {
49         scanf("%d", &a[i]);
50     }
51     sort(a, n);
52     printf("The minimum sum of absolute is %d", minSum(a, n));
53     return 0;
54 }
55
```

The output of the program is shown in the terminal window:

```
Enter the number of elements: 5
Enter the elements: 1 3 2 5 4
The minimum sum of absolute is 5
Process returned 0 (0x0)   execution time : 10.594 s
Press any key to continue.
```

The bottom status bar shows the file path, line number, and column number: "C/C++ Windows (CR+LF) default Line 46, Col 36, Pos 920".