

DAILY ONLINE ACTIVITIES SUMMARY

Date:	13/06/2020	Name:	Divyashree Naik
Sem & Sec	8 th sem A	USN:	4AL16CS034
Online Test Summary			
Subject	Inter of Things		
Max. Marks	30	Score	29
Certification Course Summary			
Course	Java Programming		
Certificate Provider	Great Learning	Duration	3.5 hrs
Coding Challenges			
Problem Statement: C program to calculate electricity bill			
Status: Complete			
Uploaded the report in Github		Yes	
If yes Repository name		Alvas-Report	
Uploaded the report in slack		Yes	

techgig.com/challenge/result/mcq/MmZWOTR6WXUvc21RQmtCUzhyb0t6UT09

divyashree.naik@gmail.com Logout

Test Completed!

You have successfully participated in IoT IA5.

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Results Analytics

MCQ

Your Score **29** / 30

Online certification:

Java Programming - Great Learning

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CONTENT ASSESSMENTS

Learning Videos

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 open. The program calculates the cost of electricity based on the number of units consumed. The code is as follows:

```
2 void main()  
3 {  
4     int units, cost = 0;  
5     printf("Enter no. of units: ");  
6     scanf("%d", &units);  
7     if (units <= 100)  
8     {  
9         cost = units * 35;  
10    }  
11    else if (units <= 250)  
12    {  
13        cost = (100 * 35) + (units - 100) * 70;  
14    }  
15    else if (units <= 500)  
16    {  
17        cost = (100 * 35) + (150 * 70) + (units - 250) * 140;  
18    }  
19    else if (units > 500)  
20    {  
21        cost = (100 * 35) + (150 * 70) + (150 * 140) + (units - 500) * 210;  
22    }  
23    printf("Cost: %d", cost);  
24    printf("\n");  
25    printf("Process returned 10 (0xA)   execution time : 7.367 s\n");  
26    printf("Press any key to continue.\n");  
27    getch();  
28 }
```

The output window shows the execution results:

```
Enter no. of units: 250  
Cost: 3500  
Process returned 10 (0xA)   execution time : 7.367 s  
Press any key to continue.
```

The Logs & others window shows the build output:

```
==== Build file: "no target" in "no project" (compiler: unknown) ====  
==== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 4 second(s)) ====
```