

## DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	07-07-2020		<b>Name:</b>	Nanditha.R.Shetty
<b>Sem &amp; Sec</b>	6 <sup>th</sup> sem, 'A' sec		<b>USN:</b>	4AL17CS054
<b>Online Test Summary</b>				
<b>Subject</b>	CGV IA test			
<b>Max. Marks</b>	-		<b>Score</b>	-
<b>Certification Course Summary</b>				
<b>Course</b>	Blockchain Basics			
<b>Certificate Provider</b>	Coursera	<b>Duration</b>	19hrs	
<b>Coding Challenges</b>				
<b>Problem Statement: 1 C program</b>				
<b>Status: executed</b>				
<b>Uploaded the report in GitHub</b>			Yes	
<b>If yes Repository name</b>			<a href="https://github.com/nandithashetty/DAILY-STATUS">https://github.com/nandithashetty/DAILY-STATUS</a>	
<b>Uploaded the report in slack</b>			Yes	

## Online Certification Course Details:

Today I completed 2 lessons & completed first module:

- Beyond Blockchain.
- Blockchain Categories.

And took quiz on this module.

The screenshot shows the Coursera interface for the 'Beyond Bitcoin' lecture. The left sidebar lists the course structure: Blockchain Basics > Week 1 > Beyond Bitcoin. The main content area displays a video player with a blue background and the title 'Beyond Bitcoin'. The video content shows 'Three types of blockchains' with three boxes: 'Type 1: Only Cryptocurrency' (with a Bitcoin icon), 'Type 2: Currency + Business Logic' (with an Ethereum icon), and 'Type 3: Only Business Logic' (with a Bitcoin icon). The video player has a 'Pause' button and a 'Save Note' button. The bottom of the screen shows the Windows taskbar with various application icons.

The screenshot shows the Coursera interface for the 'Blockchain Defined - Week 1' quiz results. The top section displays a green banner with the text 'Congratulations! You passed!' and 'TO PASS: 75% or higher'. A 'Keep Learning' button is visible. The 'GRADE' is shown as '88.88%'. Below this, the title 'Blockchain Defined - Week 1' is displayed, followed by 'LATEST SUBMISSION GRADE: 88.88%'. The quiz questions are listed below:

1. What is the genesis block?  
☒ The first block of a Blockchain  
☐ The first transaction in each block  
☐ Any block created by the founder  
☐ The last block created in the Blockchain  

✓ Correct  
Correct.
2. Inspect and explore block #0 using [this link](#) to solve the below question.  

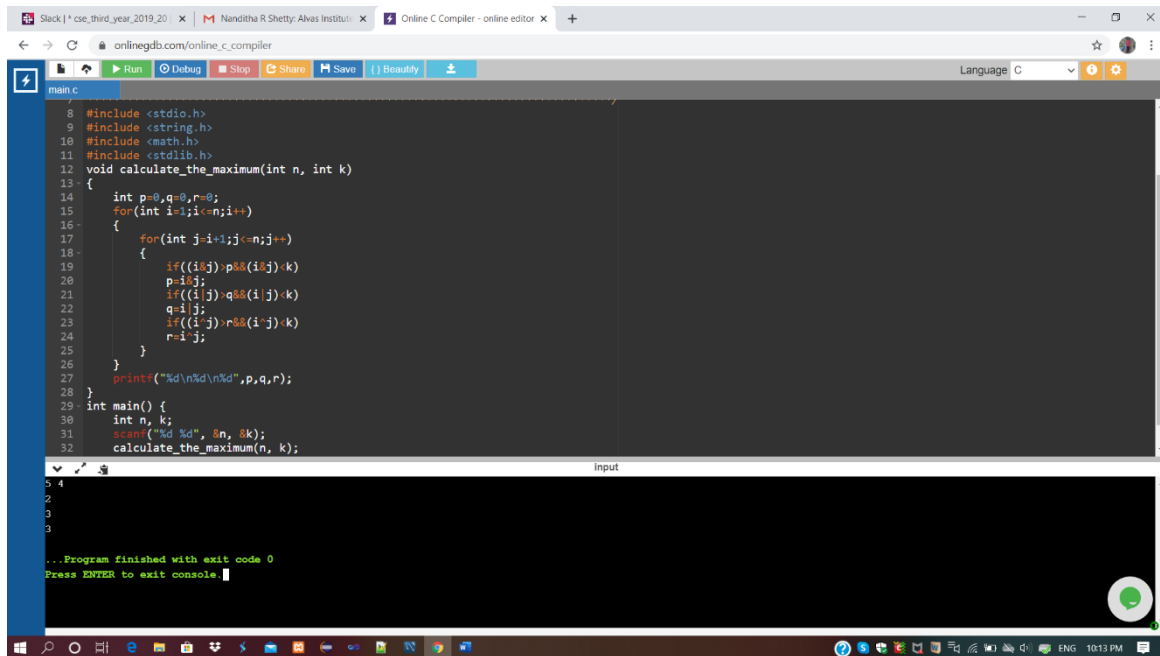
1 / 1 point

The bottom of the screen shows the Windows taskbar with various application icons.

## Coding Challenges Details:

### Program 1

This is output of C program for problem statement which is given in following link.



The screenshot shows a web browser window with the URL `onlinegdb.com/online_c_compiler`. The browser tabs include "Slack | \* cse\_third\_year\_2019\_20", "Nanditha R Shetty: Ahvas Institute", and "Online C Compiler - online editor". The compiler interface has a menu bar with "Run", "Debug", "Stop", "Share", "Save", and "Beautify". The language is set to "C". The code editor shows a C program named `main.c` with the following code:

```
1 #include <stdio.h>
2 #include <string.h>
3 #include <math.h>
4 #include <stdlib.h>
5 void calculate_the_maximum(int n, int k)
6 {
7     int p=0,q=0,r=0;
8     for(int i=1;i<=n;i++)
9     {
10         for(int j=i+1;j<=n;j++)
11         {
12             if((i&j)>p&&(i&j)<k)
13             {
14                 p=i&j;
15                 q=i&j;
16                 r=i&j;
17             }
18         }
19     }
20     printf("%d\n%d\n%d",p,q,r);
21 }
22 int main() {
23     int n, k;
24     scanf("%d %d", &n, &k);
25     calculate_the_maximum(n, k);
26 }
```

The output window shows the input "4 2" and the output "0 0 0". The console message says "...Program finished with exit code 0" and "Press ENTER to exit console".

Refer GitHub for detailed Information:

<https://github.com/nandithashetty/DAILY-STATUS/tree/master/7-07-2020/ONLINE%20CODING>

This Report is also available in:

<https://github.com/nandithashetty/DAILY-STATUS/blob/master/7-07-2020/Daily-Report7-7-2020.pdf>