

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	11-07-2020	Name:	Nanditha.R.Shetty
Sem & Sec	6 <sup>th</sup> sem, 'A' sec	USN:	4AL17CS054
<b>Online Test Summary</b>			
Subject	Operating System		
Max. Marks	-	Score	-
<b>Certification Course Summary</b>			
Course	Blockchain Basics		
Certificate Provider	Coursera	Duration	19hrs
<b>Coding Challenges</b>			
Problem Statement: 1 C program			
Status: executed			
Uploaded the report in GitHub		Yes	
If yes Repository name		<a href="https://github.com/nandithashetty/DAILY-STATUS">https://github.com/nandithashetty/DAILY-STATUS</a>	
Uploaded the report in slack		Yes	


## Online Certification Course Details:

Today I completed lesson “**Incentive model**” and took quiz on this lesson.

Blockchain Basics > Week 2 > Incentive Model

Prev | Next

### Incentive Model



Operation name	Gas Cost
Step	1
Load from memory	20
Store into memory	100
Transaction base fee	21000
Contract creation	53000
...	...

### Notes

[All notes](#)

Click the "Save Note" button when you want to capture a screen. You can also highlight and save lines from the transcript below. Add your own notes to anything you've captured.

Coursera for Students | Coursera x Self-Check | Coursera

coursera.org/learn/blockchain-basics/quiz/h56kh/self-check/attempt?redirectToCover=true

### Self-Check

Practice Quiz • 30 min

✓ **Congratulations! You passed!**

TO PASS 80% or higher

[Keep Learning](#)

GRADE 100%

### Self-Check

TOTAL POINTS 3

1. GASLIMIT is the actual amount of gas spent at the completion of the Block creation. True or False? 1 / 1 point

☒ False

☐ True

✓ Correct  
Correct!

2. What are miners who solved the puzzle but didn't win the block creation called? 1 / 1 point

☒ Ommers

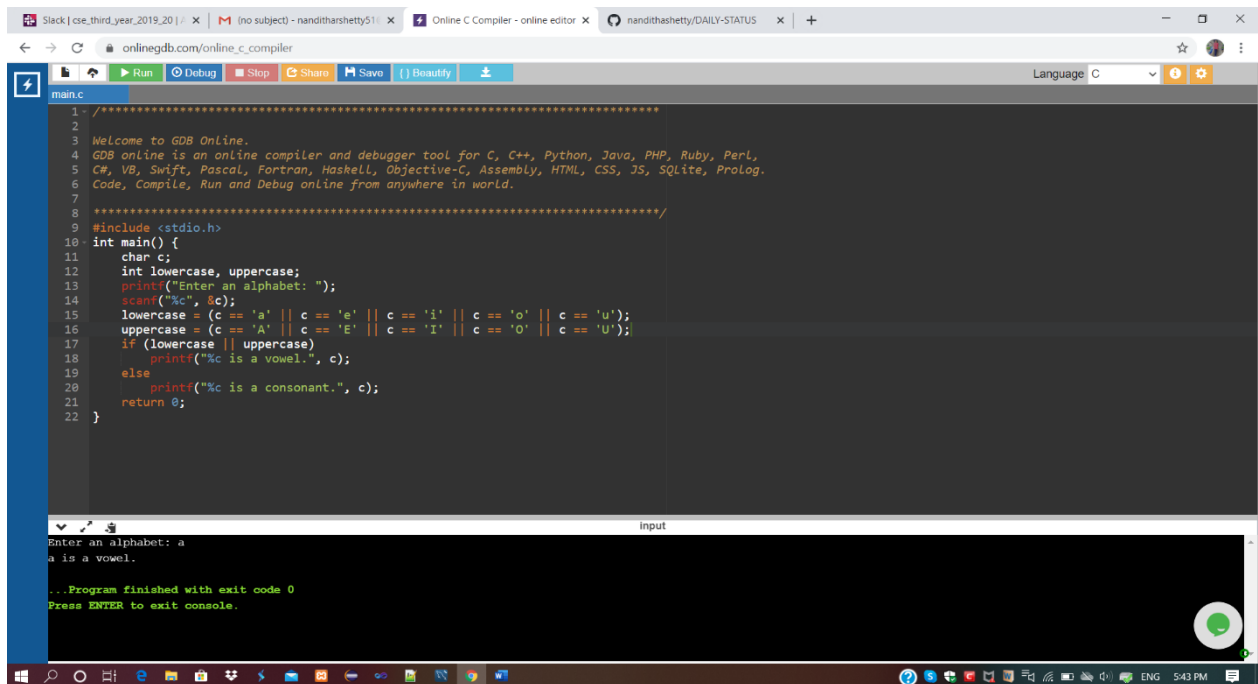
☐ Brothers

☐ Cictarc

## Coding Challenges Details:

### Program 1

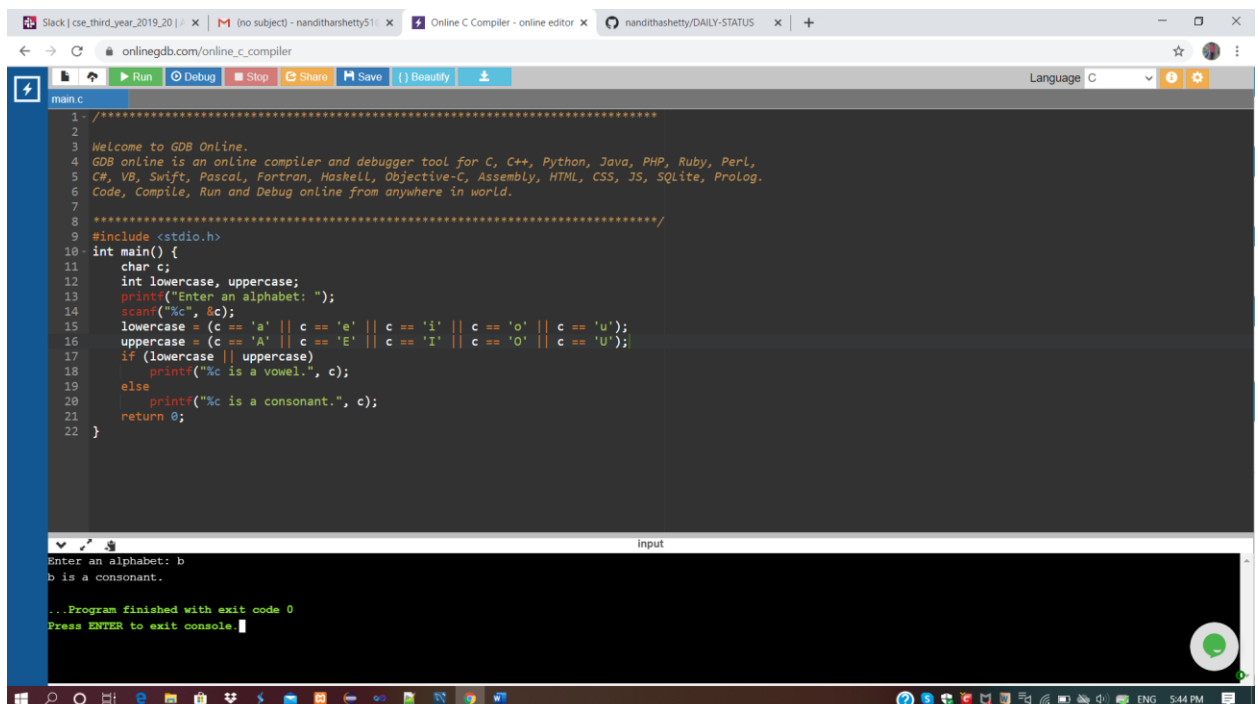
This is output of C program to check whether a given character is a vowel or a consonant.



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", "(no subject) - nandithashetty51", "Online C Compiler - online editor", and "nandithashetty/DAILY-STATUS". The online compiler interface has a menu bar with "Run", "Debug", "Stop", "Share", "Save", and "Beautify" buttons. The language is set to "C". The code in the editor is as follows:

```
1- /*
2-  *
3-  * Welcome to GDB Online.
4-  * GDB online is an online compiler and debugger tool for C, C++, Python, Java, PHP, Ruby, Perl,
5-  * C#, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, HTML, CSS, JS, SQLite, Prolog.
6-  * Code, Compile, Run and Debug online from anywhere in world.
7-  */
8-
9- #include <stdio.h>
10- int main() {
11-     char c;
12-     int lowercase, uppercase;
13-     printf("Enter an alphabet: ");
14-     scanf("%c", &c);
15-     lowercase = (c == 'a' || c == 'e' || c == 'i' || c == 'o' || c == 'u');
16-     uppercase = (c == 'A' || c == 'E' || c == 'I' || c == 'O' || c == 'U');
17-     if (lowercase || uppercase)
18-         printf("%c is a vowel.", c);
19-     else
20-         printf("%c is a consonant.", c);
21-     return 0;
22- }
```

The input field shows "Enter an alphabet: a". The output field shows "a is a vowel." and "...Program finished with exit code 0. Press ENTER to exit console."



This screenshot shows the same online C compiler interface with the same C code as above. The input field now shows "Enter an alphabet: b". The output field shows "b is a consonant." and "...Program finished with exit code 0. Press ENTER to exit console."

Refer GitHub for detailed Information:

<https://github.com/nandithashetty/DAILY-STATUS/tree/master/11-07-2020/ONLINE%20CODING>

This Report is also available in:

<https://github.com/nandithashetty/DAILY-STATUS/blob/master/11-07-2020/Daily-Report11-7-2020.pdf>