

## DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	10-07-2020	<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>	System Software and Compiler Design		
<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 python 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 lesson “Ethereum Operations” and took quiz on this lesson.

← → ↺ coursera.org/learn/blockchain-basics/lecture/fk7C/ethereum-operations ☆ ⌵ Ⓟ Paused ⋮

**coursera** | ⌵

Blockchain Basics > Week 2 > Ethereum Operations Prev | Next

### Ethereum Operations

The diagram illustrates the Ethereum operations workflow. At the top, a box labeled 'Account' has an arrow pointing down to 'Transactions'. To the left, 'Smart Contract' has an arrow pointing down to 'Ethereum Virtual Machine (EVM)'. The 'EVM' is represented as a box containing three smaller boxes labeled 'SC1', 'SC2', and 'SC3'. An arrow labeled 'Compile Deploy' points from 'Smart Contract' to 'EVM'. Another arrow labeled 'Invoke or Trigger Execution' points from 'Transactions' to 'EVM'. In the center, a laptop icon displays 'Smart Contract' on its screen.

### 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.

📧 Fwd: python-program-for-find-... | 🌐 Coursera for Students | Coursera | 🌐 Self-Check | Coursera

← → ↺ coursera.org/learn/blockchain-basics/quiz/Pco8d/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. \_\_\_\_ hosts the software needed for transaction initiation, validation, mining, block creation, and smart contract execution. **1 / 1 point**

☐ External Account

☐ Smart Contract

☒ Ethereum full node

☐ EVM

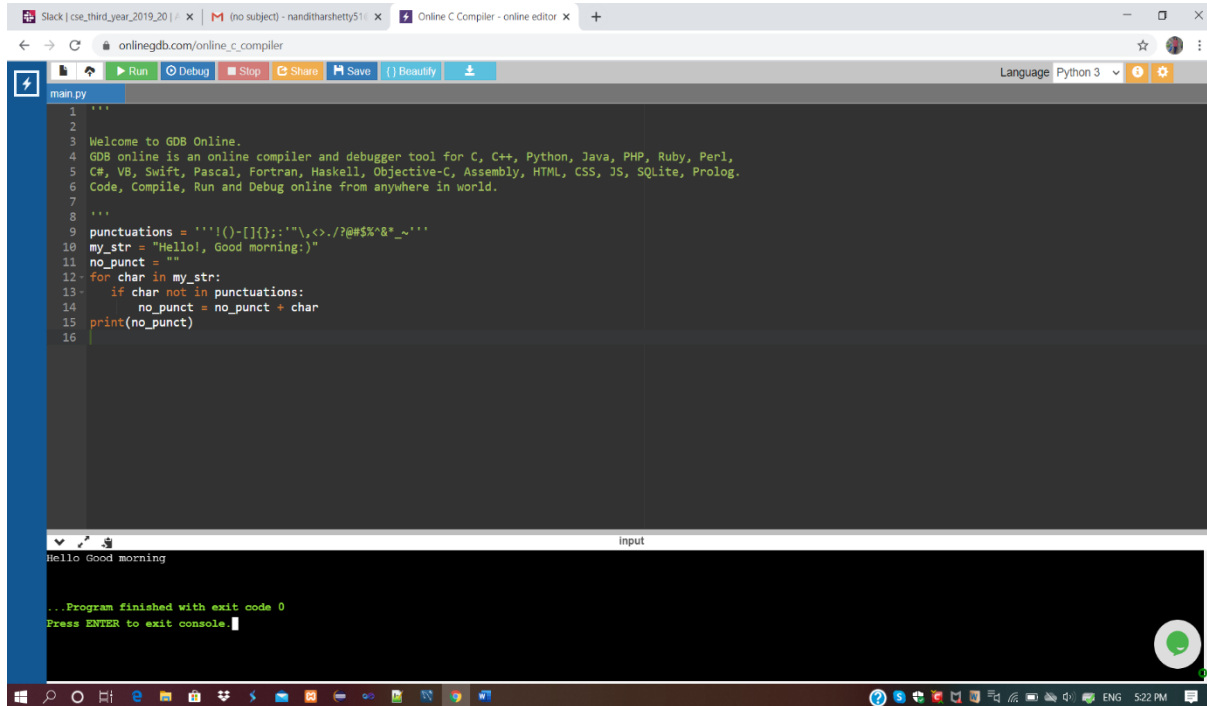
✓ **Correct**  
Correct!

2. \_\_\_\_ receive, verify, gather and execute transactions. **1 / 1 point**

## Coding Challenges Details:

### Program 1

This is output of python program to Remove Punctuations from a String.



The screenshot shows a web browser window with the URL `onlinegdb.com/online_c_compiler`. The browser has several tabs open, including 'Slack | cse\_third\_year\_2019\_20', 'M (no subject) - nandithashetty51', and 'Online C Compiler - online editor'. The online compiler interface is in the foreground, showing a Python script in a dark-themed editor. The script defines a list of punctuation characters and a function to remove them from a string. The input string is 'Hello!, Good morning:)', and the output is 'Hello Good morning'. The console at the bottom shows the program finished with exit code 0.

```
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 punctuations = '''!()-[]{};:'"\,.<.>./?@#$%^&*._'''
10 my_str = "Hello!, Good morning:)"
11 no_punct = ""
12 for char in my_str:
13     if char not in punctuations:
14         no_punct = no_punct + char
15 print(no_punct)
16
```

Input: Hello Good morning

...Program finished with exit code 0  
Press ENTER to exit console.

Refer GitHub for detailed Information:

<https://github.com/nandithashetty/DAILY-STATUS/tree/master/10-07-2020/ONLINE%20CODING>

This Report is also available in:

<https://github.com/nandithashetty/DAILY-STATUS/blob/master/10-07-2020/Daily-Report10-7-2020.pdf>