

DAILY ONLINE ACTIVITIES SUMMARY

Date:	23-07-2020	Name:	Nanditha.R.Shetty
Sem & Sec	6 th sem, 'A' sec	USN:	4AL17CS054
Online Test Summary			
Subject	--		
Max. Marks	-	Score	-
Certification Course Summary			
Course	Blockchain Basics		
Certificate Provider	Coursera	Duration	19hrs
Coding Challenges			
Problem Statement: 1 python program			
Status: executed			
Uploaded the report in GitHub		Yes	
If yes Repository name		https://github.com/nandithashetty/DAILY-STATUS	
Uploaded the report in slack		Yes	

Online Certification Course Details:

Today I completed Week 4 Module - “Trust Essentials” took last quiz on this Module.

The screenshot shows a web browser with multiple tabs open, including 'Fwd: Python Program for GCD', 'Coursera for Students | Coursera', and 'Trust Essentials - Week 4 | Coursera'. The address bar shows the URL: coursera.org/learn/blockchain-basics/exam/BMFdN/trust-essentials-week-4/attempt?redirectToCover=true. The page title is 'Trust Essentials - Week 4' with a subtitle 'Graded Quiz • 30 min'. The due date is 'Due Aug 3, 12:29 PM IST'. A green banner at the top says 'Congratulations! You passed!' with a checkmark icon, 'TO PASS 78% or higher', and a 'Keep Learning' button. The 'GRADE' is '100%'. Below this, the section is titled 'Trust Essentials - Week 4' with 'LATEST SUBMISSION GRADE 100%'. The quiz consists of two questions, each worth 1/1 point. Question 1 asks 'Which one of the following is correct?' with four radio button options: 'A secure blockchain is a single chain in an inconsistent state.', 'There is only one, single criteria measured to perform validation.', 'Neither timestamp nor nonce can be verified.', and 'Once a consensus is met, a new block is added to the chain.' The correct answer is the last option, indicated by a green checkmark and the text 'Correct! Correct!'. Question 2 asks 'True or False? Proof of work is an agreed upon method by which the creation of a new block is achieved in the'.

The screenshot shows a web browser with multiple tabs open, including 'Fwd: Python Program for GCD', 'Coursera for Students | Coursera', 'Getting Started with Blockchain', '(2) WhatsApp', and '(10) Coursera Blockchain Basics'. The address bar shows the URL: coursera.org/learn/blockchain-basics/programming/CuHrG/getting-started-with-blockchain-ethereum/submission. The page title is 'Programming Assignment: Getting Started with Blockchain Ethereum'. The status is 'Passed · 100/100 points'. A message box says 'It looks like this is your first programming assignment. Learn more'. The 'Deadline' is 'Pass this assignment by Aug 3, 12:29 PM IST'. The 'Instructions' tab is selected, showing a 'Create submission' button. The 'Discussions' tab is also visible. Below the submission button, the section is titled 'Your Submissions'. A table shows the submission history:

Date	Score	Passed?
✓ July 22, 2020 10:35 PM IST	100/100	Yes
Score Submission	100/100	Show grader output



Coding Challenges Details:

Program 1

This is output of python program for Check if count of divisors is even or odd.

A screenshot of an online Python compiler interface. The code defines a function `countDivisors(n)` that calculates the number of divisors of `n`. It uses a loop from 1 to $\sqrt{n} + 2$ to check for divisors. If a divisor is found, it increments the count. If the count is even, it prints "Even"; otherwise, it prints "Odd". The program is executed with `countDivisors(10)`, and the output shows "The count of divisor: Even". The interface includes a toolbar with buttons for Run, Debug, Stop, Share, Save, and Beauty, as well as a language dropdown set to Python 3. The bottom of the screen shows a Windows taskbar with various application icons and the system clock at 7:19 PM.

Refer GitHub for detailed Information:

<https://github.com/nandithashetty/DAILY-STATUS/tree/master/23-07-2020/ONLINE%20CODING>

This Report is also available in:

<https://github.com/nandithashetty/DAILY-STATUS/blob/master/23-07-2020/Daily-Report23-7-2020.pdf>