

DAILY ONLINE ACTIVITIES SUMMARY

Date:	16-07-2020	Name:	Nanditha.R.Shetty
Sem & Sec	6th 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 “**Transaction Integrity**” lesson and took quiz on this Lesson.

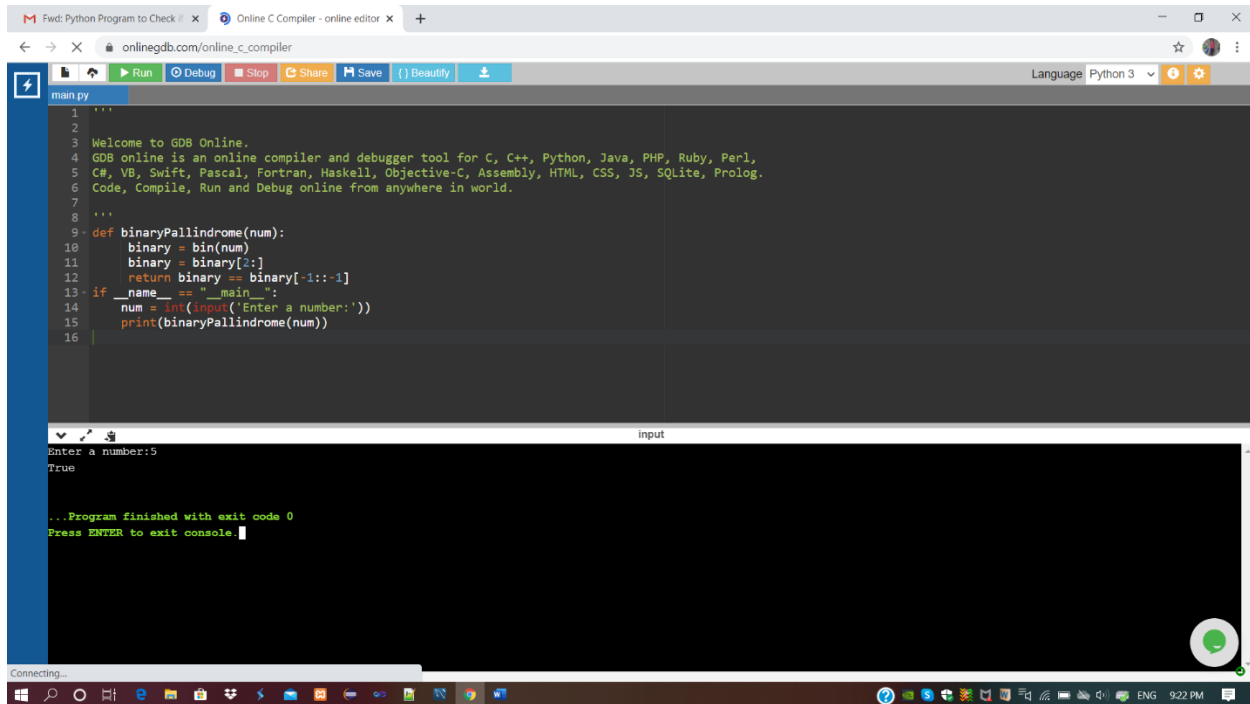
The screenshot shows the Coursera interface for the 'Transaction Integrity' video. The video player is the central focus, displaying the title 'Transaction Integrity' and the content: 'To manage the integrity of transaction: Secure & unique account address, Authorization of the transaction by the sender through digital signing'. The video progress bar shows 0:24 / 3:20. On the left sidebar, the course structure is visible, including 'Public-Key Cryptography', 'Hashing', 'Transaction Integrity' (selected), 'Securing Blockchain', and 'Week 3 Evaluation: Algorithms & Techniques'. The user's name 'Nanditha R Shetty' is in the top right corner.

The screenshot shows the 'Self-Check' quiz results page. At the top, a green banner reads 'Congratulations! You passed!' with a 'Keep Learning' button and a 'GRADE 100%' indicator. Below this, the 'Self-Check' title is followed by 'TOTAL POINTS 1'. The quiz question is: '1. Digital signing of a transaction/document involves, hashing the content of the document and then ____.' The options are: 'encrypting it with public key', 'encrypting it with nonce', 'encrypting it with private key' (selected), and 'rehashing it'. A green box at the bottom indicates 'Correct Correct!'. The user's name 'Nanditha R Shetty' is in the top right corner.

Coding Challenges Details:

Program 1

This is output of python program to check if a binary representation is a palindrome

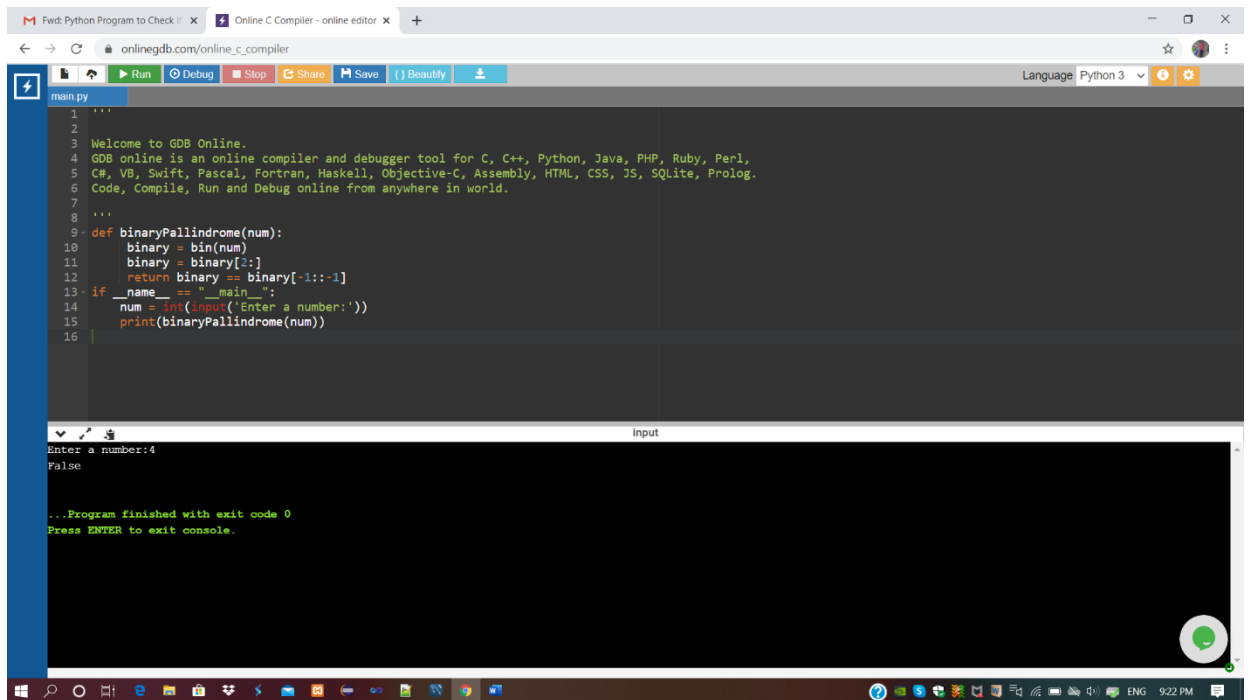


```
1 '''
2
3 Welcome to GDB Online.
4 GDB online is an online compiler and debugger tool for C, C++, Python, Java, PHP, Ruby, Perl,
5 C#, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, HTML, CSS, JS, SQLite, Prolog.
6 Code, Compile, Run and Debug online from anywhere in world.
7
8 '''
9 def binaryPalindrome(num):
10     binary = bin(num)
11     binary = binary[2:]
12     return binary == binary[::-1]
13 if __name__ == "__main__":
14     num = int(input('Enter a number:'))
15     print(binaryPalindrome(num))
16
```

input

Enter a number:5
True

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



```
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.
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8 '''
9 def binaryPalindrome(num):
10     binary = bin(num)
11     binary = binary[2:]
12     return binary == binary[::-1]
13 if __name__ == "__main__":
14     num = int(input('Enter a number:'))
15     print(binaryPalindrome(num))
16
```

input

Enter a number:4
False

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

Refer GitHub for detailed Information:

<https://github.com/nandithashetty/DAILY-STATUS/tree/master/16-07-2020/ONLINE%20CODING>

This Report is also available in:

<https://github.com/nandithashetty/DAILY-STATUS/blob/master/16-07-2020/Daily-Report16-7-2020.pdf>