



## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	15-07-2020	Name:	M.C Suchithra Heggade
Sem & Sec	VI Sem A	USN:	4AL17CS047
<b>Pre-placement Training Summary</b>			
Subject	OR IA 1		
Max. Marks	-	Score	-
<b>Online Certification Summary</b>			
Course	Python Data Structures		
Certificate Provider	Coursera	Duration	7 week
<b>Coding Challenges</b>			
Problem Statement: Python Program for Sieve of Eratosthenes.			
Status:Completed			
Uploaded the report in Github		Yes	
If yes Repository name		<a href="https://github.com/Suchitraheggade/certification-on-Online-coding">https://github.com/Suchitraheggade/certification-on-Online-coding</a>	
Uploaded the report in slack		Yes	

**Online Certification Details:**

← → ↺ coursera.org/learn/python-data/lecture/37mbu/worked-exercise-6-5 ☆ ⌵ 8

**coursera**  

Python Data Structures > Week 1 > Worked Exercise: 6.5 Prev | Next


**Welcome**


**Materials**

Lecture materials

Review: Chapter 6

Assignment: Chapter 6

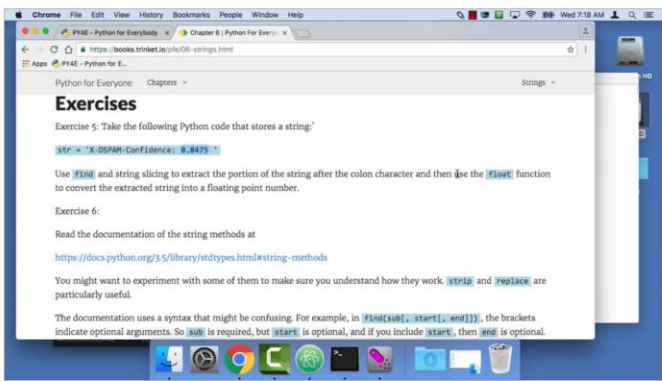
 Graded External Tool: Assignment 6.5 11h

 Video: Worked Exercise: 6.5 8 min

**Bonus: Chapter 6**

**Additional materials**


**Worked Exercise: 6.5**



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**Notes** [All notes](#)



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## Coding Challenges Details:

## Python Program for Sieve of Eratosthenes.

main.py	Run	Shell
<pre> 1 # Online Python compiler (interpreter) to run Python online. 2 # Write Python 3 code in this online editor and run it. 3 4 def SieveOfEratosthenes(n): 5     prime = [True for i in range(n + 1)] 6     p = 2 7     while (p * p &lt;= n): 8         if (prime[p] == True): 9             for i in range(p * 2, n + 1, p): 10                 prime[i] = False 11             p += 1 12     prime[0] = False 13     prime[1] = False 14     for p in range(n + 1): 15         if prime[p]: 16             print(p) 17 if __name__ == '__main__': 18     n = 30 19     print("Following are the prime numbers smaller than or equal to") 20     n 21     SieveOfEratosthenes(n) </pre>		<pre> Following are the prime numbers smaller than or equal to 2 3 5 7 11 13 17 19 23 29 &gt; </pre>

