

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	4-06-2020	Name:	Chetana H
Sem & Sec	VI A	USN:	4AL17CS021
<b>Online Test Summary</b>			
Subject	OS TEST		
Max. Marks	30	Score	TECHNICAL ISSUE
<b>Certification Course Summary</b>			
Course	INTODUCTION TO ETHICAL HACKING		
Certificate Provider	GreatLearning	Duration	6hr
<b>Coding Challenges</b>			
<b>Problem Statement:</b>  1.Using methods charAt() & length() of String class, write a program to print the frequency of each character in a string.  2. Write down a java program to print even and odd numbers series respectively from two threads: t1 and t2 synchronizing on a shared object Let t1 print message “ping — >” and t2 print message “,—pong”.			
<b>Status: Completed, executed</b>			
Uploaded the report in Github		Yes	
If yes Repository name		<a href="https://github.com/chetana-H/certification-and-online-coding">https://github.com/chetana-H/certification-and-online-coding</a>	
Uploaded the report in slack		Yes	


# Online Certification Details


Modules completed: What is ethical hacking.












## Agenda

- Introduction to Ethical Hacking
- Computer Security Threats
- Goals, Skills and Tools Utilized
- Process Flow for an Ethical Hack
- Demonstration
- Ethical Hacking across Domains


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**Learning videos**

	Career and Growth Ladder in Ethical Hacking		
	Domains and Process Implementation under Ethical Hacking		
	Ethical Hacking in Network Architecture-Demonstration		
	Ethical Hacking in Web Applications-Demonstration	50m	
	Ethical Hacking on Mobile Platforms-Demonstration	34m	
	What is Ethical Hacking	50m	

**Quiz**

	Ethical Hacking - Quiz
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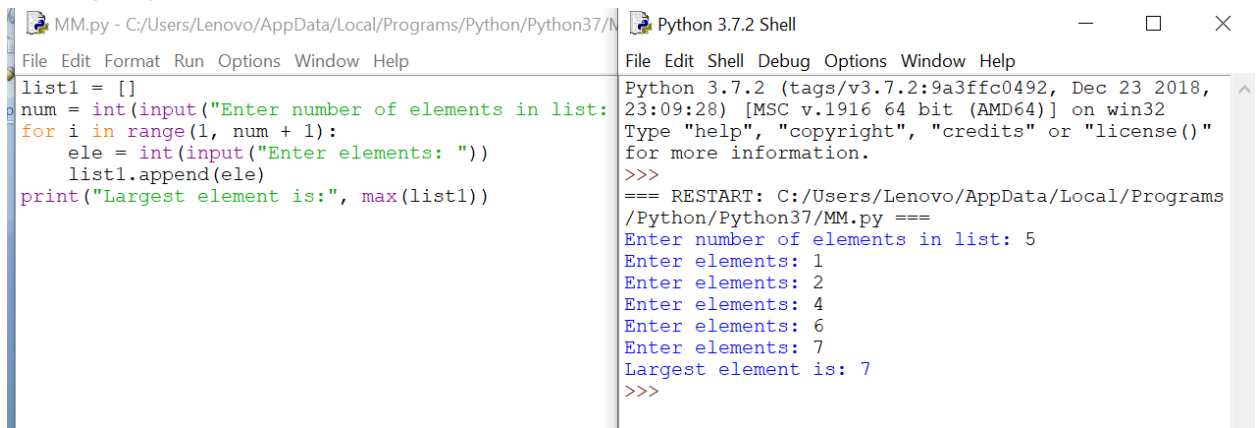
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# Coding Challenge Details

1. Python Program to Find the Largest Number in a List without using sorting algorithm.



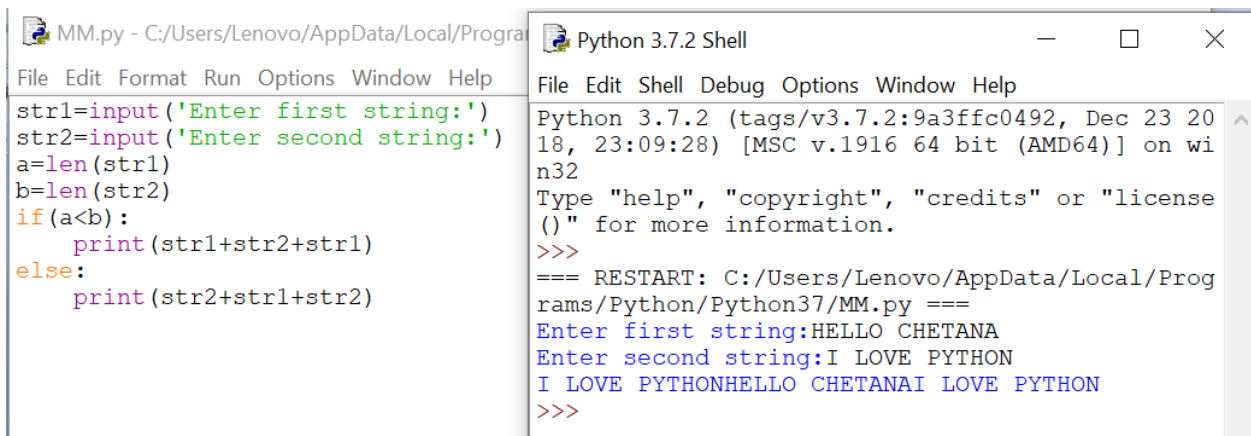
The screenshot shows a Python IDE with two windows. The left window, titled 'MM.py', contains the following code:

```
list1 = []
num = int(input("Enter number of elements in list: "))
for i in range(1, num + 1):
    ele = int(input("Enter elements: "))
    list1.append(ele)
print("Largest element is:", max(list1))
```

The right window, titled 'Python 3.7.2 Shell', shows the execution of the program:

```
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: C:/Users/Lenovo/AppData/Local/Programs/Python/Python37/MM.py ===
Enter number of elements in list: 5
Enter elements: 1
Enter elements: 2
Enter elements: 4
Enter elements: 6
Enter elements: 7
Largest element is: 7
>>>
```

2. Python program to combine the strings.



The screenshot shows a Python IDE with two windows. The left window, titled 'MM.py', contains the following code:

```
str1=input('Enter first string:')
str2=input('Enter second string:')
a=len(str1)
b=len(str2)
if(a<b):
    print(str1+str2+str1)
else:
    print(str2+str1+str2)
```

The right window, titled 'Python 3.7.2 Shell', shows the execution of the program:

```
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: C:/Users/Lenovo/AppData/Local/Programs/Python/Python37/MM.py ===
Enter first string:HELLO CHETANA
Enter second string:I LOVE PYTHON
I LOVE PYTHONHELLO CHETANA I LOVE PYTHON
>>>
```