DAILY ONLINE ACTIVITIES SUMMARY

Date:	07-07-2020		Name:	Chethana j
Sem & Sec	6th&A		USN:	4AL17CS02

Online Test Summary				
Subject				
Max. Marks			Score	-

Certification Course Summary				
Course	Python Data Structures			
Certificate Provider	coursera		Duration	7 weeks

Coding Challenges

Problem Statement:1. Python program to print the sum of all elements in an array.

Status: Done

Uploaded the report in Github	YES
If yes Repository name	https://github.com/Jchethana1990/online-course https://github.com/Jchethana1990/Machine-learning-workshop
Uploaded the report in slack	YES

Course details:

Welcome

Materials

Lecture materials

▶ **Video:** 6.1 - Strings
15 min

▶ **Video:** 6.2 - Manipulating
Strings
17 min

Review: Chapter 6

Assignment: Chapter 6

Bonus: Chapter 6

Additional materials

6.1 - Strings

Strings – Part 1   PYTHON FOR

String Data Type

- A string is a sequence of characters

- A string literal uses quotes
  'Hello' or "Hello"

- For strings, + means "concatenate"

- When a string contains numbers, it is
  still a string

- We can convert numbers in a string into
  a number using int()

```
>>> str1 = "Hello"
>>> str2 = 'there'
>>> bob = str1 + str2
>>> print(bob)
Hellothere
>>> str3 = '123'
>>> str3 = str3 + 1
Traceback (most recent call
last):  File "<stdin>", line 1,
in <module>
TypeError: cannot concatenate
'str' and 'int' objects
>>> x = int(str3) + 1
>>> print(x)
124
>>>
```

Coding Challenges Details:

1. Python program to print the sum of all elements in an array.

   arr = [1, 2, 3, 4, 5];

   sum = 0;

   for i in range(0, len(arr)):

      sum = sum + arr[i];

   print("Sum of all the elements of an array: " + str(sum));

   output:

File Edit Shell Debug Options Window Help

```
Python 3.7.6 (tags/v3.7.6:43364a7ae0, Dec 19 2019, 00:42:30) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Hp/AppData/Local/Programs/Python/Python37/sumadd.py ====
Sum of all the elements of an array: 15
>>>
```

Ln: 6 Col: 4