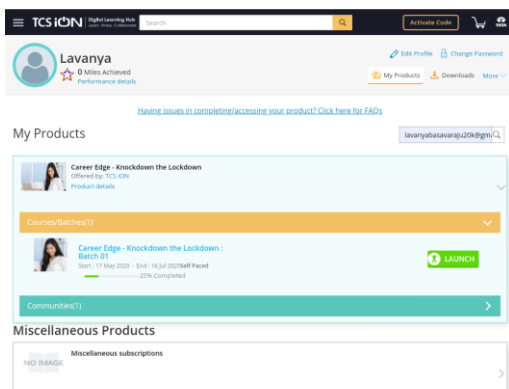


DAILY ASSESSMENT FORMAT

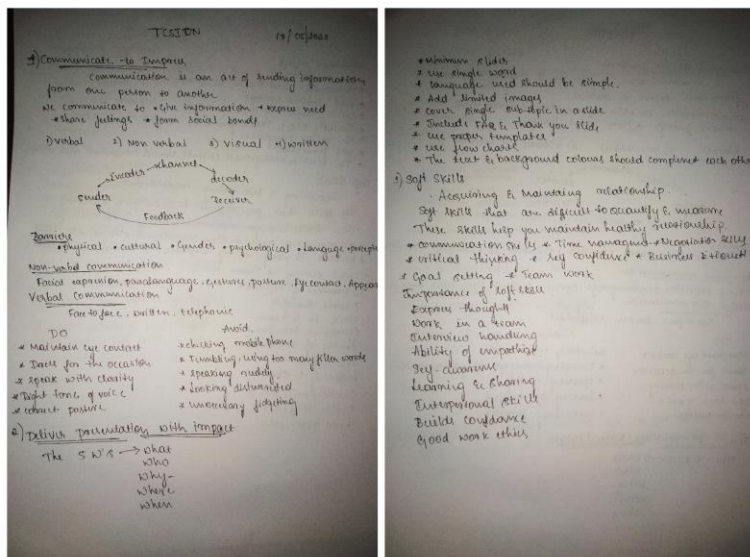
Date:	18/05/2020	Name:	Lavanya B
Course:	TCSION	USN:	4a117ec043
Topic:	Communication skills, Effective Presentation, Soft skills	Semester & Section:	6th sem, A sec
Github Repository:	Lavanya-B		

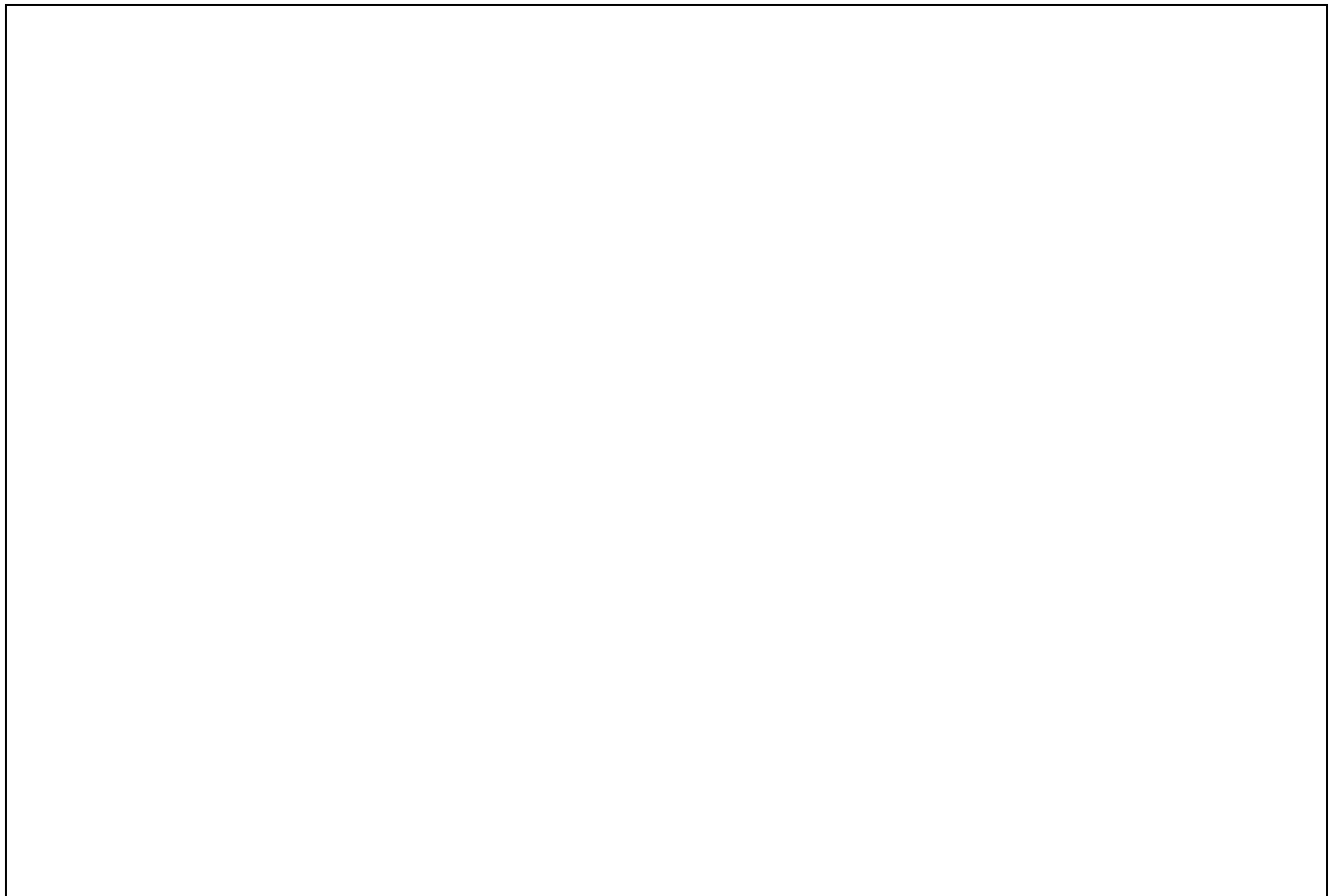
FORENOON SESSION DETAILS

Image of session



Report –





Date: 18/05/2020

Course: Python

Topic: Introduction, Data types, Basics

Name: Lavanya B

USN: 4a17ec043

Semester 6th sem, A sec
& Section:

AFTERNOON SESSION DETAILS
Image of session

```
1 def sentence_maker(sentence):
2     words = sentence.split()
3     words.sort()
4     words.reverse()
5     return " ".join(words)
6
7 return sentence_maker(sentence)
8
9 results = []
10 while True:
11     user_input = input("Enter a sentence: ")
12     if user_input == "quit":
13         break
14     results.append(sentence_maker(user_input))
15
16 print(results)
```

Lectures

More



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While Loops with Break and Continue



Video - 03:22 mins

54

Summary: Loops

Article

Section 8 - Putting the Pieces Together: Building a Program



55

Problem Statement



Video - 03:48 mins

56

Approaching the Problem



Video - 01:46 mins

57

Building the Maker Function



Video - 05:14 mins

58

Constructing the Loop



Video - 04:39 mins

59

Making the Output User-Friendly



Video - 03:28 mins

Section 9 - List Comprehensions



Report – Report can be typed or hand written for up to two pages.

Installing Python

Python.org → Python 2.7 → Run → download & Run
Then install

In cmd prompt
> python on > py -3.
py 2.x &c
2.x

Python ecosystem

↳ packages libraries frameworks
↳ addtime, datetime time)
datetime date, time (hour, 10, 10, 54, 0, 0, 0, 0, 0, 0)
File → windows add python 3.5 workspace → java name add
t
→ create (.c)
and the basic of python's library
→ → interactive shell
→ python program written on .py files

Tuple, String, and float
data type - not str(" ") , float
converted data type - list, {}

Package
list (range(1, 10))

Attributes : add, class, constant, dir, is, format, str
split, replace, title, translate, upper, lower, co
encode etc

of the input can be extracted with increased safety.

Phone number digit

value of dictionary can be extracted with phone numbers value:

- tuple $a \rightarrow$ one digit $= (0, 1, 2, 3, 4, 5)$
- attribute $a \rightarrow$ eg. $\text{digit}(\text{area})$
 $\text{area}(\text{ind})$
 $\text{area}(\text{ind})$

The Basic Functions of the Basic types

In this topic, all things which have a positive index number, a negative index number, something how to write the program using these kind of list is, how to program a dictionary can be achieved using key.

The Basic Functions & conditions

1) Condition - is check for one single condition, if two conditions are met at the same time, and using an and operator, if one of two conditions are met using an or operator, then this condition and using 'and' and 'or' operator we can check.

Processing each input: The string formatting further process can be inputted via the input function, but the function cannot allow input to a string, but we can convert it into 0 int or float so we can format string with python.

name = "Sim"
experience_years = 5
print("Hi %s, your average years of experience format (from experience_years)"

output: Hi Sim, you have 5 years of experience

loops: a loop we can call any function multiple times. The loop are useful for executing a command over a long

Putting the paragraphs: Building a program.

The problem statement: Approaching the problem.

Building the main function, connecting the loop & making the output with print.