DAILY ASSESSMENT FORMAT

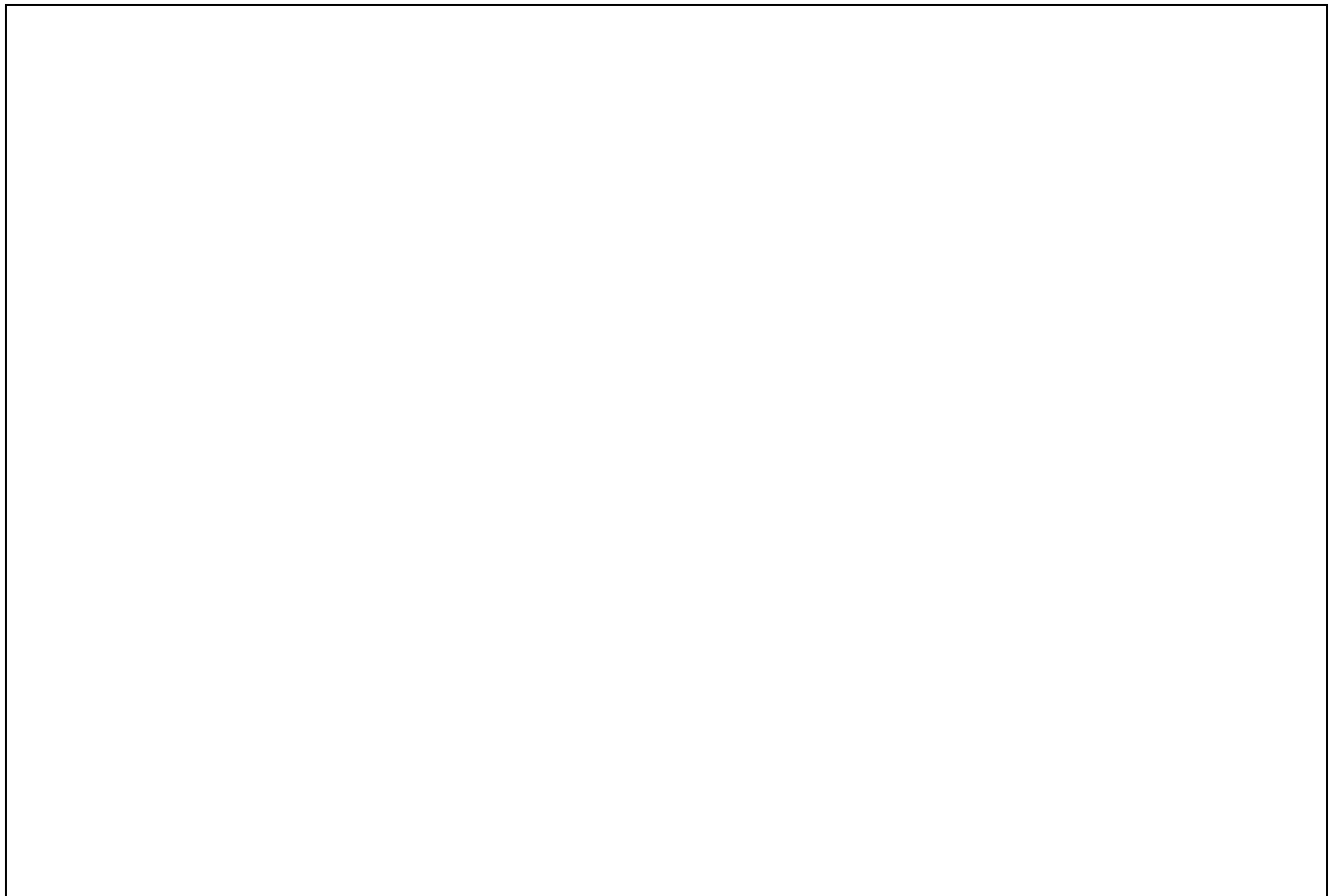| Date:	18/05/2020	Name:	Lavanya B
Course:	TCSION	USN:	4al17ec043
Topic:	Communication skills, Effective Presentation, Soft skills	Semester & Section:	6th sem, A sec
Github Repository:	Lavanya-B		

FORENOON SESSION DETAILS
Image of session
Report –
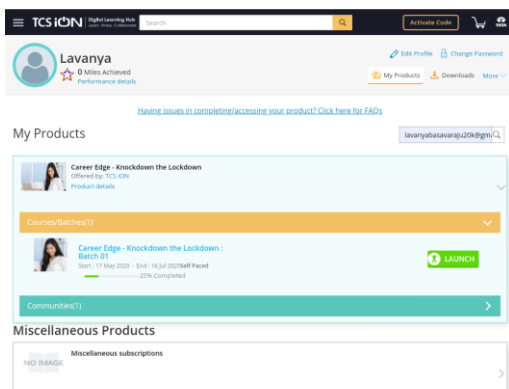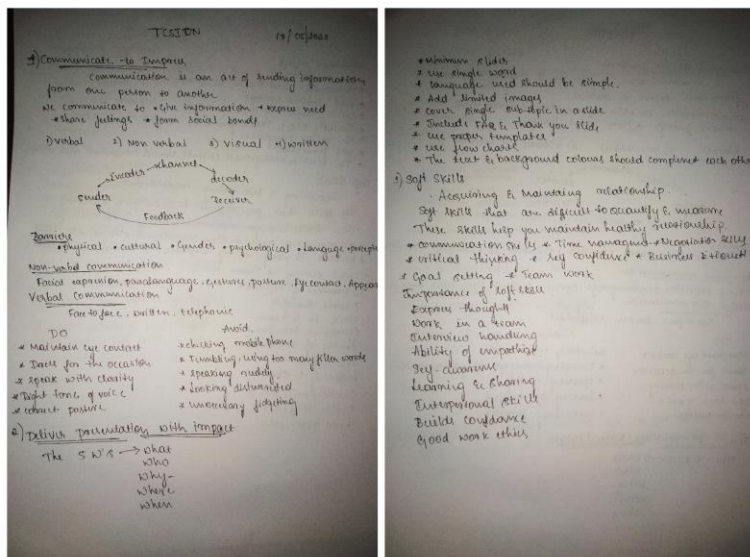
Date:	**18/05/2020**	**Name:**	**Lavanya B**
Course:	**Python**	**USN:**	**4al17ec043**
Topic:	**Introduction, Data types, Basics**	**Semester & Section:**	**6th sem, A sec**

AFTERNOON SESSION DETAILS
Image of session

Lectures   More

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

Python

Installing python
  Python.org → python 3.7 → Run → download & Run
  Then install
  In cmd prompt
  > python   or > py -3.
  Eg >>>1+1
     >> 2

Python program
  >>> import datetime (module)
  >>> datetime.datetime now( )
  datetime.datetime (2019, 12, 13, 14, 0, 096423)
File → windowsAdd folder to workspace → folder name add
  >>> exit( )
  and the basic of python's basic py

 >>> → Interactive shell
  python program written in .py files

Integers, strings and floats
  data type – int, str(" "), float
  compound data type – list , [ ]

Range
  list(range(1,10))

Attributes : add, clear, contains, dir, eg, format, and
  split, swapcase, title, translate, upper, center, co
  encode etc

key of dictionary can be extracted with
  phone_number key( )
Values of dictionary can be extracted with
  phone_numbers value ;
 • Tuples as → one digits = (0 1, 2, 3, 4, 5)
 • attributes as → eg 1) dir (str)
                        2) dir (list)
                        3) dir (dict)
The Basic operation with data types.
  In this topic with strings, tuples have a positive
  index systems, a negative index systems, seeing there how
  to write the program using three item of list & how to program
  a dictionary can be accessed using its key.

The Basic Functions & conditions
  if conditions – it check for one single condition
  if two conditions are not at the same time using an
  and operator & if one of two condition are not using
  an or operation. Then elif condition and using
  "and" and "or" operator we can check.

Processing with input : The string formatting python program
  can get user input via the input function and i/p function
  converts any input to a string but we can convert it back
  to int or float, we can format strings with python8
     name = "Sim"
     experience_years = 1.5
     print ("Hi {}, you have {} years of experience format (name,
     experience_years))
     output: Hi Sim, you have 1.5 years of experience.

Loops : using loop we can call any function multiple time
  For loops are useful for executing a command over a large

Putting the pieces together : Building a program.
  The problem statement, Approaching the problem,
  Building the maker function, constructing the loop &
  making the output with friend.