INDIAN SCHOOL AL WADI AL KABIR
Worksheet, 2020-21

Class: XI	SUB: COMPUTER SCIENCE	Date of Completion: 10.12.2020
Worksheet No:8	TOPIC: Tuples & Dictionaries	**Note:** Try all practical questions on the python editor

Q.1

1. What is tuple? Explain with suitable example.

2. How a List are different from Tuple?

3. How a List is similar to a Tuple?

4. What is the difference between
   >>>tp1= (10,12,14)   >>>tp1=(10,12,14)
   >>>tp1+(3)   AND   >>>tp1+(3,)

5. What is unpacking Tuples? Give an example.

6. Write a python program which reads N number of elements from the user in a tuple T. Program finds and displays the second largest element in the tuple.

Q.II

1. Write a python program to create a dictionary called D1, that holds 4 elements. Each element is name of the member and age.
   When age is entered find out the name of the member. If not found display error message.
   (Finding Key from the given value)

2. D1= {1:10,2:20,3:(30,45)} display 45 on screen.

3. D= {'Toyota': {2014:6000,2016:6500,2018:6600}}

4. Name any 6 characteristics of a Dictionary.

5. Create a dictionary whose keys are month names and whose values are number of days in the corresponding months.
   i)   Ask the user to enter month name and display the days in that month
   ii)   Print out all the keys in alphabetical order
   iii)   Print out the key value pairs sorted by the number of days in each month.

   Note: The following questions to be written in the Record Book
           Q.I 6)
           Q.II 1) and 5)