**Assignment-Tuple**

Q1 Write a python program to store n number of records (Name, Age, Salary) of employees in a nested tuple as shown.

```
T= (("Rahul", 32, 45000), ("Amit", 28, 35000), ("Gaurav", 41, 48000),
("Lalit", 30, 42000))
```

Display the data as per:-

a) In Alphabetical order of the employee names

b) In ascending order of the Age

c) In descending order of the Salary

Q2 Write a python program to store n number of integers in ascending order in a tuple.

```
T= (120,345,478,511,620,734,891,913)
```

Input a number to be searched (x) and perform binary search and print the appropriate message of the search result.

Q3    Write a program in python which accepts an integer tuple L which has natural numbers. Print the longest consecutive sequence of even numbers as a tuple

Example: - Given a list L = (1, 7, 2, 5, 4, 6, 44, 12, 9, 8, 16, 3)

The output should be: - (4, 6, 44, 12)