TUPLES

1. Write a program to sort the (name, age, height) tuples by ascending order where name is string, age and height are numbers. The tuples are input by console. The sort criteria is

   1: Sort based on name;
   2: Then sort based on age;
   3: Then sort by score.
   The priority is that name > age > score.
   If the following tuples are given as input to the program:
   Tom,19,80
   John,20,90
   Jony,17,91
   Jony,17,93
   Json,21,85
   Then, the output of the program should be:
   [('John', '20', '90'), ('Jony', '17', '91'), ('Jony', '17', '93'), ('Json', '21', '85'), ('Tom', '19', '80')]

2. Write a program to create a list of tuples with the first element as the number and the second element as the square of the number.
   Enter the lower range:1
   Enter the upper range:4
   [(1, 1), (2, 4), (3, 9), (4, 16)]

3. Write a Python program to remove an empty tuple(s) from a list of tuple.

4. With a given tuple (1, 2, 3, 4, 5, 6, 7, 8, 9, 10), write a program to print the first half values in one line and the last half values in one line.

5. Write a program to sort a tuple of tuples by 2nd item
   Input   : (('a', 23),('b', 37),('c', 11), ('d',29))
   Output: : (('c', 11), ('a', 23), ('d', 29), ('b', 37))