**Python List Assignment**

**1.** Write a Python program which iterates the integers from 1 to 50. For multiples of three print "Fizz" instead of the number and for the multiples of five print "Buzz". For numbers which are multiples of both three and five print "FizzBuzz".  
Sample Output :  
fizzbuzz  
1  
2  
fizz  
4  
buzz

**2. Remove empty strings from the list of strings**

list1 = ["Mike", "", "Emma", "Kelly", "", "Brad"]

### 3. Remove empty string in a list in Python

list1 = ["Mike", "", "Emma", "Kelly", "", "Brad"]

**Expected output:**

["Mike", "Emma", "Kelly", "Brad"]

4. Write a Python program to create the multiplication table (from 1 to 10) of a number.    
*Expected Output:*

Input a number: 6

6 x 1 = 6

6 x 2 = 12

6 x 3 = 18

6 x 4 = 24

6 x 5 = 30

6 x 6 = 36

6 x 7 = 42

6 x 8 = 48

6 x 9 = 54

6 x 10 = 60

5. Write a Python program to construct the following pattern, using a nested loop number.    
Expected Output:

1

22

333

4444

55555

666666

7777777

88888888

999999999

**Python Loop Assignment**

### 6. Write a program to print multiplication table of a given number