**Python Activity 3:**

**LIST COMPREHENSION:**

**Write the code for thsese problems and solve using only LIST COMPREHENSION:**

***• Reverse a given list in Python and the given list is list1=[100,200,488,342,768,654,845]***

***•***

• Concatenate two lists index-wise

• list1 = ["M", "na", "i", "Ke"]

• list2 = ["y", "me", "s", "lly"]

•

• Given a Python list of numbers. Turn every item of a list into its square

• aList = [1, 2, 3, 4, 5, 6, 7]

•

• Concatenate two lists in the following order

• list1 = ["Hello ", "take "] list2 = ["Dear", "Sir"]

•

• Given a two Python list. Iterate both lists simultaneously such that list1 should display item in original order and list2 in reverse order

list1 = [10, 20, 30, 40]

list2 = [100, 200, 300, 400]

• Create a function showEmployee() in such a way that it should accept employee name, and its salary and display both. If the salary is missing in the function call assign default value 9000 to salary

•

• Given a list, iterate it, and display numbers divisible by five, and if you find a number greater than 150, stop the loop iteration.

list1 = [12, 15, 32, 42, 55, 75, 122, 132, 150, 180, 200]

• Counts the number of occurrences of all the items from a given tuple

tuple1 = (50, 10, 60, 70, 50,80,90,50,60,70,50,70)

• Subtract a week (7 days) from a given any date in Python

• Print a date in a the following format

Day\_name Day\_number Month\_name Year