**PYTHON PROGRAM CODE**

Mutable List object (say “JUNO”)

With 4 values

myList1 and myList2 reference this single object

After Step1, there is 1 mutable object and there are 2 variables (labels) bound to it.

# STEP 1

myList1 = ["Deep Purple", "The Who", "Dire Straits", "CCR"]

New Mutable List object (say “ARES”

With 5 values

myList1 is now bound to this new object

myList2 = myList1

After STEP2, there are two objects say JUNO and ARES and myList2 and myList1 are bound to these 2 object s respectively

# STEP 2 We are using a = a + x and NOT a += x

myList1 = myList1 + ["Led Zeppelin"]

After STEP3, there are three mutable objects JUNO , ARES and NYX

myList1 🡪NYX

myList2 🡪 JUNO.

New Mutable List object (say “NYX”

With 6 values

myList1 is now bound to this new object.

# STEP 3 We are using a = a + x AND NOT a += x

myList1 = myList1 + ["Iron Maiden"]