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In [1]:   # Python program to clear a list

          # using clear() method

          # Creating list
          list1 = [6, 0, 4, 1]
          print('list1 before clear:', list1)

          # Clearing list
          list1.clear()
          print('list1 after clear:', list1)

          list1 before clear: [6, 0, 4, 1]
          list1 after clear: []

In [2]:   # Python3 code to demonstrate

          # clearing a list using

          # clear and Reinitializing

          # Initializing lists
          list1 = [1, 2, 3]
          list2 = [5, 6, 7]

          # Printing list1 before deleting
          print("List1 before deleting is : "
                  + str(list1))

          # deleting list using clear()
          list1.clear()

          # Printing list1 after clearing
          print("List1 after clearing using clear() : "
                  + str(list1))

          # Printing list2 before deleting
          print("List2 before deleting is : "
                  + str(list2))

          # deleting list using reinitialization
          list2 = []

          # Printing list2 after reinitialization
          print("List2 after clearing using reinitialization : "
                  + str(list2))

          List1 before deleting is : [1, 2, 3]
          List1 after clearing using clear() : []
          List2 before deleting is : [5, 6, 7]
          List2 after clearing using reinitialization : []

In [ ]:
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