例：程序list\_test/list\_test4.py

l1 = [1, 2, 3]  
print(l1 + ['a', 'b']) # [1, 2, 3, 'a', 'b']  
print(l1) # [1, 2, 3]  
l1 += ['a', 'b'] # l1 = l1 + ['a', 'b']  
print(l1)  
print()  
  
# 列表中可以包含不同类型的元素  
# 但部分列表方法就无法使用了  
# print(l1.sort()) # Error  
  
# 列表嵌套  
matrix = [[1, 2, 3], [4, 5, 6], [7, 8, 9]]  
print(matrix[0]) # [1, 2, 3]  
  
# 列表解析  
print([value for value in matrix])  
print()  
# print(value) # Error，value未定义  
col2 = [row[1] for row in matrix]  
print(col2) # [2, 5, 8]  
print([row[1] for row in matrix if row[1] % 2 == 0]) # [2, 8]  
print([matrix[i][i] for i in [0, 1, 2]]) # [1, 5, 9]