```python
# append versus extend
x = ["China"]
y = ["Japan"]
cn = ["Canada", "Mexico", "USA"]

x.append(cn)
y.extend(cn)
print(x)
print(y)

# in and not in operators
print("China" in x)
print("Russia" in x)
print("China" not in x)
print("Russia" not in x)

# delete an element of a list using its index
# you can also using slicing to delete multiple elements
del y[2]
print(y)

# alternative approach to delete an element using its index
y[0:1]  = [] # you can also use slicing
print(y)

# insert an element (or elements) at a specific location
print(y)
y[1:1] = ["Brazil"]
print(y)

# alternative approach to insert an element
y.insert(2, "Australia")
print(y)

# remove an element using its VALUE (removes first element only!)
y.remove("USA")
print(y)

# pop() function, you can use it to remove a single element
print(y.pop(1))
```

```python
print(y)

# pop() with no index value removes the last element from the list
print(y.pop())
print(y)

# list assignment vs .copy()
a = cn
b = cn.copy() # the values are the same but are they the same object?
print(cn)
print(a)
print(b)

cn[2] = "New Zealand" # only affected y and y2, but y3
print(cn)
print(a)
print(b)
```