Python List

1. Print the second item in the ‘grocery’ list and print it

grocery=["milk","eggs","meat","fruits","vegetables"]

print(grocery[1])

eggs

1. Change the value from “tea" to "coffee", in the ‘items’ list.

items=["tea","bread","snacks"]

items[0]='coffee'

print(items)

['coffee', 'bread', 'snacks']

1. Use the append method to add "orange" to the fruits list.

fruits=["apple","mango","watermelon","kiwi"]

fruits.append("orange")

print(fruits)

['apple', 'mango', 'watermelon', 'kiwi', 'orange']

1. Use the insert method to add "lemon" as the second item in the fruits list.

fruits=["apple","mango","watermelon","kiwi"]

fruits.insert(1,"lemon")

print(fruits)

['apple', 'lemon', 'mango', 'watermelon', 'kiwi']

1. Use the remove method to remove "eggs" from the ‘grocery’ list.

grocery=["milk","eggs","meat","fruits","vegetables"]

grocery.pop(1)

print(grocery)

['milk', 'meat', 'fruits', 'vegetables']

1. Use negative indexing to print the last item in the list.

grocery=["milk","eggs","meat","fruits","vegetables","oil"]

print(grocery[-1])

vegetables

1. Use a range of indexes to print the third, fourth, and fifth item in the list.

grocery=["milk","eggs","meat","fruits","vegetables","oil"]

print(grocery[2:5])

['meat', 'fruits', 'vegetables']

1. Use the correct syntax to print the number of items in the list.

grocery=["milk","eggs","meat","fruits","vegetables","oil"]

print(len(grocery))

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1. Create two list, do the slicing ,concatenating and repetition of the lists.

list1=["rahul","rayan","sherya"]

list2=["diya",'raj',"nithin","riya"]

print(list1[2])

print(list2[:3])

print(list2[1:3])

print(list1+list2)

print(list1\*2)

sherya

['diya', 'raj', 'nithin']

['raj', 'nithin']

['rahul', 'rayan', 'sherya', 'diya', 'raj', 'nithin', 'riya']

['rahul', 'rayan', 'sherya', 'rahul', 'rayan', 'sherya']

1. Check if "Rayan" is present in the name list:

list1=["rahul","rayan","sherya"]

if "rayan" in list1:

print("Yes,'rayan' is in the list1.")

Yes,'rayan' is in the list1.