
Python

0.0.1

2021 05 06

```
lright lright lright lright
my_list = ["banana", "cherry", "apple"]
```

1.1 Python lright

- lright lright
- lright lright
- lright lright
- lright lright
- lright

1.2

list lright

```
list_1 = ["banana", "cherry", "apple"]
print(list_1)

# list
list_2 = list()
print(list_2)

#
list_3 = [5, True, "apple"]
print(list_3)

#
```

```
list_4 = [0, 0, 1, 1]
print(list_4)
```

height

height

```
['banana', 'cherry', 'apple']
[]
[5, True, 'apple']
[0, 0, 1, 1]
```

1.3

lright lright

```
item = list_1[0]
print(item)

# -1 lright
# -2
item = list_1[-1]
print(item)
```

```
apple      banana
```

1.4

lright

```
#
list_1[2] = "lemon"
print(list_1)
```

```
['banana', 'cherry', 'lemon']
```

1.5

lright<https://docs.python.org/3/tutorial/datastructures.html>

```
my_list = ["banana", "cherry", "apple"]

# len() :
print("Length:", len(my_list))

# append() :
my_list.append("orange")

# insert() :
my_list.insert(1, "blueberry")
print(my_list)
```

```

# pop() :
item = my_list.pop()
print("Popped item: ", item)

# remove() :
my_list.remove("cherry") # Value error
print(my_list)

# clear() :
my_list.clear()
print(my_list)

# reverse() :
my_list = ["banana", "cherry", "apple"]
my_list.reverse()
print('Reversed: ', my_list)

# sort() :
my_list.sort()
print('Sorted: ', my_list)

# sorted()
# sorted()
my_list = ["banana", "cherry", "apple"]
new_list = sorted(my_list)

#
list_with_zeros = [0] * 5
print(list_with_zeros)

#
list_concat = list_with_zeros + my_list
print(list_concat)

#
string_to_list = list('Hello')
print(string_to_list)

```

height

height

```

          Length: 3
['banana', 'blueberry', 'cherry', 'apple', 'orange']
Popped item: orange
['banana', 'blueberry', 'apple']
[]
Reversed: ['apple', 'cherry', 'banana']
Sorted: ['apple', 'banana', 'cherry']
[0, 0, 0, 0, 0]
[0, 0, 0, 0, 0, 'banana', 'cherry', 'apple']
['H', 'e', 'l', 'l', 'o']

```

1.6

lright

```
list_org = ["banana", "cherry", "apple"]  
  
#  
list_copy = list_org  
  
#  
list_copy.append(True)  
print(list_copy)  
print(list_org)  
  
# copy(), list(x)
```

```
['banana', 'cherry', 'apple', True]  
['banana', 'cherry', 'apple', True]  
['banana', 'cherry', 'apple', True]  
['banana', 'cherry', 'apple']
```

1.7

```
#  
for i in list_1:  
    print(i)
```

```
cherry      banana  
lemon
```

1.8

```
if "banana" in list_1:  
    print("yes")  
else:  
    print("no")
```

```
yes
```