

```
In [1]: 'arjun,"arjun"'
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Out[1]: 'arjun,"arjun"'
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In [5]: a=[]
x=int(input("Enter a maximum value"))
for i in range (x):
    val=input('Enter a value ')
    a.append(val)
    print(a)
# length
print("length",len(a))
#maximum
print("max",max(a))
#minimum
print("min",min(a))

# comparision function not support in python 3

#count function
z=input("Enter a value to count :")
y=a.count(z)
print("counting value",y)

# index function

z=input("Enter a index value")
index=a.index(z)
print("index ",index)

# insert function
c=input("Enter a value to insert ")
ind=int(input("Enter index to Enter a value"))
a.insert(ind,val)
print(a)

#remove

rem=input("Enter a value remove from list")
a.remove(val)
print(a)

#reverse function

print("original list",a)
a.reverse()
print("reverse list print",a)

# sorting function

a.sort()
print("sorting is a",a)

#pop function // Last element remove

print("priginal list",a)
print("last element popped",a.pop())

print(a)
```

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Enter a maximum value5
Enter a value a
['a']
Enter a value b
['a', 'b']
Enter a value c
['a', 'b', 'c']
Enter a value d
['a', 'b', 'c', 'd']
Enter a value e
['a', 'b', 'c', 'd', 'e']
length 5
max e
min a
Enter a value to count :e
counting value 1
Enter a index valuea
index 0
Enter a value to insert arjun
Enter index to Enter a value0
['e', 'a', 'b', 'c', 'd', 'e']
Enter a value remove from liste
['a', 'b', 'c', 'd', 'e']
original list ['a', 'b', 'c', 'd', 'e']
reverse list print ['e', 'd', 'c', 'b', 'a']
sorting is a ['a', 'b', 'c', 'd', 'e']
priginal list ['a', 'b', 'c', 'd', 'e']
last element popped e
```

In []: