String

```
name="nilay"
print(name)
```

```
nilay
```

```
second_name='karade'
print(second_name)
```

```
karade
```

```
full_name=name+" "+second_name
print(full_name)
```

```
nilay karade
```

```
f_name=input("enter your first name ")
l_name=input("enter your last name ")
full_name=f_name+" "+l_name
print(full_name)
```

```
enter your first name nilay
enter your last name karade
nilay karade
```

```
name.upper()
```

```
'NILAY'
```

```
country="South Africa"
country.lower()
```

```
'south africa'
```

```
len(country)
```

```
12
```

```
country="Tanzania"
country.find("T")
```

```
0
```

```
txt="Lagos is th capital of Nigeria. Nigeria is a beautiful country."
txt.find("Nigeria")
```

```
23
```

```
txt="Nigeria is a beautiful country."
txt.replace("Nigeria","South Africa")
```

```
'South Africa is a beautiful country.'
```

```
txt="nigeria is a beautiful country."
txt.capitalize()
```

```
'Nigeria is a beautiful country.'
```

```
type(txt)
```

```
str
```

List

```
#init. a list
age=[33,44,55,66,11,22,3,45,6]
```

```
print(age)
```

```
[33, 44, 55, 66, 11, 22, 3, 45, 6]
```

```
#access values/elements from a list using index
age[0]
```

```
33
```

```
age[2]
```

```
55
```

```
age[-1]
```

```
6
```

```
age[-2]
```

```
45
```

```
age
```

```
[33, 44, 55, 66, 11, 22, 3, 45, 6]
```

```
age[3]=61
```

```
age
```

```
[33, 44, 55, 61, 11, 22, 3, 45, 6]
```

```
height=[100.4,128.77,188.6,199.32]
height
```

```
[100.4, 128.77, 188.6, 199.32]
```

```
names=["nilay","jacob", 'ben','doreen']
names
```

```
['nilay', 'jacob', 'ben', 'doreen']
```

```
person=["nilay",33,100.4]
person
```

```
['nilay', 33, 100.4]
```

```
print(person[0])
```

```
nilay
```

```
len(person)
```

```
3
```

```
len(age)
```

```
9
```

```
lst=[]
```

```
lst
```

```
[]
```

```
len(lst)
```

```
0
```

```
lst.append(23)
lst
```

```
[23]
```

```
lst.append(13)
lst
```

```
[23, 13]
```

```
#list slicing
print(age)
```

```
[33, 44, 55, 61, 11, 22, 3, 45, 6]
```

```
print(age[0])
print(age[1])
print(age[2])
print(age[3])
```

```
33
44
55
61
```

```
len(age)
```

```
10
```

```
age[0:4]
```

```
[33, 44, 55, 61]
```

```
age.append(99)
age
```

```
[33, 44, 55, 61, 11, 22, 3, 45, 6, 99]
```

```
age.insert(2,100)
age
```

```
[33, 44, 100, 55, 61, 11, 22, 3, 45, 6, 99]
```

```
age.remove(100)
age
```

```
[33, 44, 55, 61, 11, 22, 3, 45, 6, 99]
```

```
age.sort()
```

```
age
```

```
[3, 6, 11, 22, 33, 44, 45, 55, 61, 99]
```

```
age.sort(reverse=True)
```

```
age
```

```
[99, 61, 55, 45, 44, 33, 22, 11, 6, 3]
```

```
age[2]=5
age
```

```
[99, 61, 5, 45, 44, 33, 22, 11, 6, 3]
```

```
del age[2]
age
```

```
[99, 61, 45, 44, 33, 22, 11, 6, 3]
```

```
country=["india",'tanzania']
country
```

```
['india', 'tanzania']
```

```
country.insert(0,'zambia')
country
```

```
['zambia', 'india', 'tanzania']
```

```
lst=['ben','rogers']
lst
```

```
['ben', 'rogers']
```

```
min(lst)
```

```
'ben'
```

```
txt="Lagos is the capital of Nigeria. Nigeria is a beautiful country."
lst=txt.split()
lst
```

```
['Lagos',
 'is',
 'the',
 'capital',
 'of',
 'Nigeria.',
 'Nigeria',
 'is',
 'a',
 'beautiful',
 'country.']
```

```
today="15-02-2025"
lst=today.split("-")
lst
```

```
['15', '02', '2025']
```

```
Start coding or generate with AI.
```