```
#List_Proprties_

#1st_Group_of Object_
obj1= ["Hera_Pheri",3]
obj2= ["Golmal_",2]
list_p1= [obj1 , obj2]
for l1 in list_p1:
    print(l1)

print("  ")

#2nd_Hetrogenius_
list_p2= [2,4,6,"Eight",10.0,12,"14",16,18.0,"Twenty"]
print(list_p2)

#3rd_Duplicate_value_
list_p3= [1,0,1,2,1,4,5,"65",56,65,99,66,99]
print(list_p3)
print("  ")

#4th_Muteable_
list_p4= []
list_p4.append("A")
list_p4.append("B")
list_p4.append("D")
list_p4.append("C")

print(list_p4)

list_p4.remove("D")
print(list_p4)
print("  ")

#5th_postive_negative_Indexing_
l1=[100,101,102,103,104,105]

print(l1[0])
print(l1[1::]) #positive_Index

l2=[200,201,202,203,204,205]
print(l2[-6])
print(l2[-5::]) #Negative_Index
print("  ")

#6th_Slice_Operators_
list_p6 =['Romeo-Juliet',"Heer-Ranjha","Laila-Majnu","Bajirao-Mastani"]

print(list_p6[::2]) #Positive_slicing
print(list_p6[1::2])
print(list_p6[-1:-5:-3]) #Negative_slicing
print("  ")

#Using_List_Metods_
"""
```

```
len()
type()
list()
append()
clear()
copy()
count()
extend()
index()
insert()
pop()
remove()
reverse()
sort()
"""
list_= [1,2,3,4,5,6,7,8,9,10]
print(list_)

print(len(list_),"\n") #lenght


print(type(list_))#type
print(type(list_[0]),"\n")

list1=list(list_)#list()
print(list1,"\n")

list1.append(11) #.append()
print(list1,"\n")


list1.clear() #.clear()
print(list1,"\n")

list2= list_.copy() #.copy()
list2.append("a")
list2.append(5)
print(list2,"\n")

c=
list2.count("a")#.count(How_many_times_are_Value_is_present,Values_is_present_or
_not)
print(c)
count_= list2.count(5)
print(count_,"\n")

c1=(1,2,3,4)
list2.extend(c1) #.extend(Enter Variable of list)
print(list2,"\n")

x= list_.index(6) #.index()
y= list2.index("a")
print(x)
print(y,"\n")
```

```
list2.insert(0,"0")#.insert()
print(list2,"\n")

list2.pop(11) #.pop(index_value=10="a")
print(list2,"\n")

list2.remove("0")#.remove(Value)
print(list2,"\n")

list2.sort() #.sort()
print(list2,"\n")

list2.reverse() #.reverse()
print(list2,"\n")
```