```
#reverse of a list
l1=[1,2,3,4,5]
l1[::-1]
```

```
[5, 4, 3, 2, 1]
```

```
str1=input("Enter a name:")
str2=str1[::-1]
if str1==str2:
    print("Palindrome")
else:
    print("Not Palindrome")
```

```
Enteer a name:1234321
 Palindrome
```

```
l1=[1,1,1,2,2,2,3,3,4,5,5,6,6,6,6,7]
l2=[]
for i in l1:
    if i not in l2:
        l2.append(i)
print(l2)
```

```
[1, 2, 3, 4, 5, 6, 7]
```

```
l1=[1,1,1,2,2,2,3,3,4,5,5,6,6,6,6,7]
l2=list(set(l1))
print(l2)
```

```
[1, 2, 3, 4, 5, 6, 7]
```

```
#slicing
l1=[1,2,3,4,5,6,7,8]
l1[:3]
```

```
[1, 2, 3]
```

```
import random
n=random.randint(1,6)
print(n)
```

```
5
```

```
l1=[1,2,3]
l2=[4,5,6]
print(l1+l2)
```

```
[1, 2, 3, 4, 5, 6]
```

```
list_1=[1,2,3,4]
print(list_1)
list_2=list_1.copy()
print(list_2)
```

```
[1, 2, 3, 4]
 [1, 2, 3, 4]
```

```
A=[1,2,3,4,5]
B=[6,7,8,9,10]
print(A)
print(B)
A.extend(B)
print(A)
```

```
[1, 2, 3, 4, 5]
 [6, 7, 8, 9, 10]
 [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
```

```
a=(1,2,3,4,5)
print(a)
```

```
(1, 2, 3, 4, 5)
```

```
#creating items of tuple
a=(1,2,3,4,"Hello")
print(a[4])
```

```
Hello
```

Start coding or generate with AI.