1 WAP to enter values in tuple and reverse the tuple

In [6]:
```
n=int(input("Enter size"))
l1=[]
for i in range(n):
    l1.append(input("enter element"))
t=tuple(l1)
print(t)
rev=t[::-1]
print("Reversed tuple ",rev)
```

```
Enter size5
enter element1
enter element2
enter element3
enter element4
enter element5
('1', '2', '3', '4', '5')
Reversed tuple  ('5', '4', '3', '2', '1')
```

2 WAP to remove duplicate values from tuple

In [ ]:
```
n=int(input("Enter size"))
l1=[]
for i in range(n):
    l1.append(input("enter element"))
t=tuple(l1)
s=set(s)
t=tuple(s)
print(t)
```

In [14]:
```
n=int(input("Enter size"))
l1=[]
for i in range(n):
    l1.append(input("enter element"))
lst=[]
t=tuple(l1)
tup=tuple(l1)
for i in tup:
    if i not in lst:
        lst.append(i)
print(lst)
```

```
Enter size5
enter element11
enter element11
enter element2
enter element3
enter element45
['11', '2', '3', '45']
```

3 WAP to check if tuple is distinct or not

In [18]:
```
n=int(input("Enter size"))
l1=[]
for i in range(n):
    l1.append(input("enter element"))
lst=[]
t=tuple(l1)
tup=tuple(l1)
for i in tup:
    if i not in lst:
        lst.append(i)
if len(t)==len(lst):
    print("Distinct")
else :
    print("Not distinct")
```

```
Enter size5
enter element1
enter element2
enter element3
enter element4
enter element5
Distinct
```

4 WAP to find tuples with positive elements in the list of tupIE

In [8]:
```
n=int(input("Enter size of list :"))
lst_tup=[]
for i in range(n):
    s=int(input("Enter size of tuple"))
    lst=[]
    for j in range(s):
        lst.append(int(input("Enter element :")))
    lst_tup.append(tuple(lst))
print(lst_tup)


print("positive list is")
for t in lst_tup :
    for j in t:
        if j<0:
            break;
    else :
        print(t)
```

```
Enter size of list :3
Enter size of tuple3
Enter element :1
Enter element :2
Enter element :3
Enter size of tuple4
Enter element :1
Enter element :-2
Enter element :5
Enter element :-3
Enter size of tuple2
Enter element :1
Enter element :5
[(1, 2, 3), (1, -2, 5, -3), (1, 5)]
positive list is
(1, 2, 3)
(1, 5)
```

5 WAP to find tuples that all have element divisible by k from list of

tuple

In [15]:
```
n=int(input("Enter size of list :"))
lst_tup=[]
for i in range(n):
    s=int(input("Enter size of tuple"))
    lst=[]
    for j in range(s):
        lst.append(int(input("Enter element :")))
    lst_tup.append(tuple(lst))
#print(lst_tup)
k=int(input("Enter k here"))
print("divisibe by",k)
for t in lst_tup :
    for j in t:
        if j%k!=0:
            break;
    else :
        print(t)
```

```
Enter size of list :3
Enter size of tuple3
Enter element :2
Enter element :4
Enter element :6
Enter size of tuple2
Enter element :10
Enter element :6
Enter size of tuple3
Enter element :2
Enter element :3
Enter element :1
Enter k here2
divisibe by 2
(2, 4, 6)
(10, 6)
```

```
1
```

In [ ]:

```
1
```