**# Creating a Tuple**

t1 = (1, 2, 3)

t2 = ("apple", "banana", "cherry")

t3 = (1, "two", 3.0, [4, 5]) # heterogeneous

t4 = () # empty tuple

t5 = (5,) # single-element tuple (note the comma!)

**# Accessing Elements**

tpl = (10, 20, 30, 40)

print(tpl[0])

print(tpl[-1])

**#slicing**

tpl = (1, 2, 3, 4, 5)

print(tpl[1:4])

**#length**

print(len(tpl))

**#add**

t1 = (1, 2)

t2 = (3, 4)

t3 = t1 + t2

print(t3)

**#repetition**

t = (1, 2)

print(t \* 3)

**#membership**

t = (1, 2, 3)

print(2 in t)

print(5 not in t)

**#tpl = (1,2,3,4,5,5,5,[1,2,7,8]) acess 7 and 8 from list by indexing**

tpl = (1, 2, 3, 4, 5, 5, 5, [1, 2, 7, 8])

print(tpl[7][2])

print(tpl[7][3])

**#mini , max, sum**

tpl1 = (1,2,3,4,5,6,6,6,6,7,8)

print(max(tpl1))

print(min(tpl1))

print(sum(tpl1))

print(type(tpl1))

print(len(tpl1))

**#packing and unpacking**

person = ("Anky", 20, "India")

name, age, country = person

print(name)

print(age)

print(country)

tpl = (1,2,3)

tpl1 = (1,2,3,4,5,6,7)

print(tpl+tpl1)

print(tpl\*3)