

**1. Write a Python program to find the number of times 4 appears in the tuple.**

**tuplex = (2,4,5,6,2,3,4,4,7)**

```
tuplex = (2, 4, 5, 6, 2, 3, 4, 4, 7)
count_of_4 = tuplex.count(4)
print("The number 4 appears", count_of_4, "times in the tuple.")
```

**2. Write a Python program to convert a list to a tuple.**

**Input: listx = [5, 10, 7, 4, 15, 3]**

```
listx = [5, 10, 7, 4, 15, 3]
tuplex = tuple(listx)
print(tuplex)
```

**3. Write a Python program to calculate the sum of the numbers in a given tuple.**

**Input: tuples\_list = [(1, 2), (3, 4), (5, 6)]**

```
tuples_list = [(1, 2), (3, 4), (5, 6)]
sum_of_numbers = sum(sum(t) for t in tuples_list)
print(sum_of_numbers)
```

**4. Write a python program and iterate the given tuples**

**Input:**

**employee1 = ("John Doe", 101, "Human Resources", 60000)**

**employee2 = ("Alice Smith", 102, "Marketing", 55000)**

**employee3 = ("Bob Johnson", 103, "Engineering", 75000)**

```
employee1 = ("John Doe", 101, "Human Resources", 60000)
employee2 = ("Alice Smith", 102, "Marketing", 55000)
employee3 = ("Bob Johnson", 103, "Engineering", 75000)
for employee in (employee1, employee2, employee3):
    print(f"Name: {employee[0]}, ID: {employee[1]}, Department: {employee[2]}, Salary: {employee[3]}")
```