In [1]:

```python
#Name: Sumit Kamble
#Roll No: 47
#tuple
#1. Write a python program to create a tuple
My_tuple=(1,2,3,4)
print(My_tuple)
```

(1, 2, 3, 4)

In [2]:

```python
#2. Write a Python program to create a tuple with different data types.
tuple=(1,2,3,4,'Sumit',"Shubham",'*','#')
print(tuple)
```

(1, 2, 3, 4, 'Sumit', 'Shubham', '*', '#')

In [3]:

```python
#3. Write a Python program to create a tuple with numbers and print one time.
tuple=("hello",25,34,45,88,87,56)
print(tuple[1])
```

25

In [5]:

```python
#4. Write a Python program to get the 4th element from last of a tuple.
tuple3=('s','a','o','d','m','d','b','c')
print(tuple3[3])
print(tuple3[-4])
```

d
m

In [6]:

```python
#5. Write a Python program to check whether element exists within a tuple.
tuple=('c','v','m','j','i','x')
print("i" in tuple)
print(5 in tuple)
```

True
False

In [7]:

```python
#6. Write a Python program to create a tuple containing one integer element and print.
tuple1=(25)
print(tuple1)
```

25

In [8]:

```python
#7. Write a Python program to slice a tuple.
a=(10,20,30,40,50,60,70,80.,90,100)
print(a[3:8])
print(a[5:9])
print(a[0:3])
```

```
(40, 50, 60, 70, 80.0)
(60, 70, 80.0, 90)
(10, 20, 30)
```

In [9]:

```python
#8. Write a Python program to find the index of an item of tuple.
a=(23,45,98,56,90,76)
print("index number:",a.index(98))
print("index number:",a.index(76))
```

```
index number: 2
index number: 5
```

In [ ]: