**PRACTICAL 7**

**AIM :Write a program to demonstrate creation and accessing of Tuples and apply different kinds of operation on them**.

i).Implementation of tuples.

ii).Nesting of tuples.

iii).Accessing the tuples.

iv).various operation of tuples.

-Addition.

-Repition.

-Slicing.

v).Function in tuples.

-Min()

-Max()

-Len()

Tuples in Python

A Tuple is a collection of Python objects separated by commas. In someways a tuple is similar to a list in terms of indexing, nested objects and repetition but a tuple is immutable unlike lists which are mutable.

#Function

**len(tuple)**

Gives the total length of the tuple.

**max(tuple)**

Returns item from the tuple with max value.

**min(tuple)**

Returns item from the tuple with min value.

#creating tuples

A1=()

A1=(7487,1223,1566,2230)

A2=7442,'A',940

A3=(7412)

print(A1)

print(A2)

print(A3)

#Nesting tuples

A4=A1,(6,'K')

print(A4)

#Accessing Tuples

print(A1[0])

print(A1[::-1])

print(A1[0:2])

#operations in tuples

Addition:

print(A1+A2)

Repition:

print(A1\*5)

Slicing:

print(A1[1:3:1])

#functions of tuples

Min()

print(min(A1))

Max()

print(max(A1))

len()

print(len(A1))

**OUTPUT:**

**A screenshot of a social media post

Description automatically generated**