**Shashwat Tripathi**

**D10A 58**

**BATCH: C**

**PYTHON LAB**

**Exp No: 2**

**AIM:** Write python programs to understand

a) Different List and Tuple operations using Built-in functions

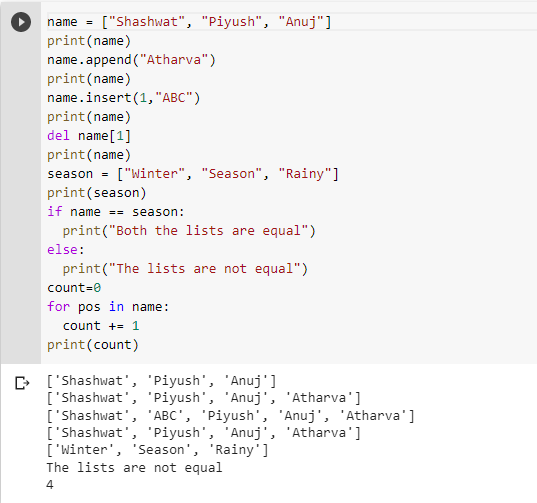
b) Built-in Set and String functions

c) Basic Array operations on 1-D and Multidimensional arrays using Numpy

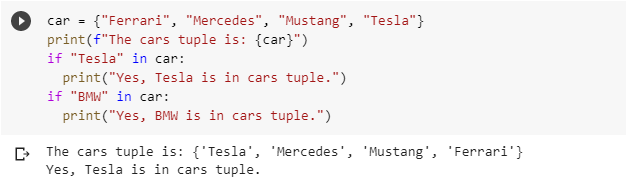
d) Implementing User defined and Anonymous Functions

**A) LIST, TUPLES, DICTIONARY**

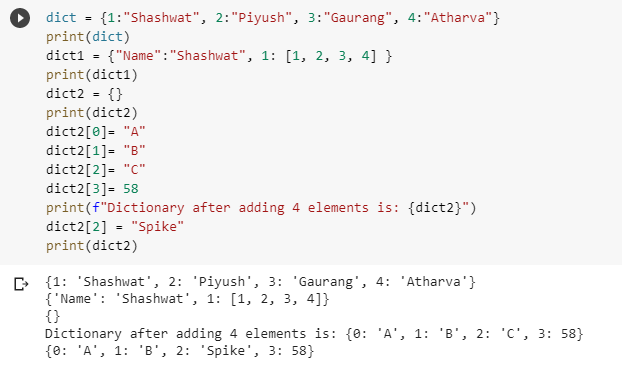
**LIST:**



**TUPLE**

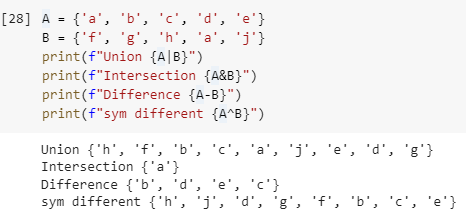
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**DICTIONARY**

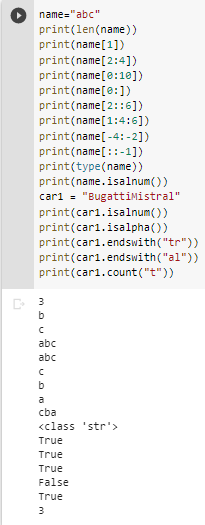
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**B) BUILT-IN SET AND STRING FUNCTIONS**

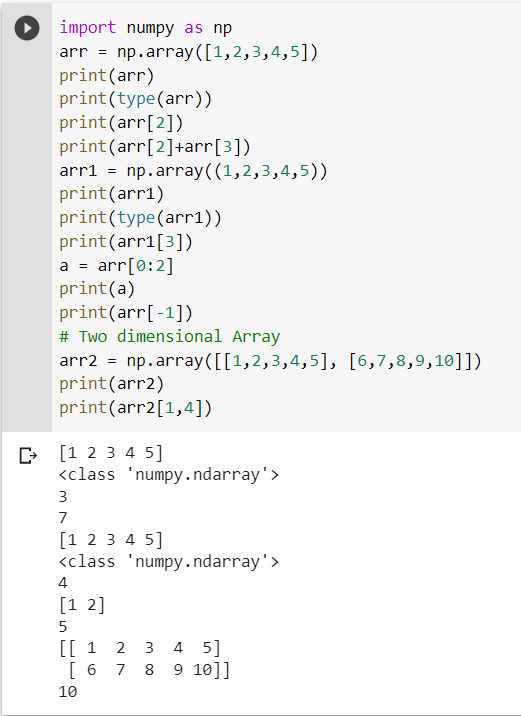
**SETS:-**

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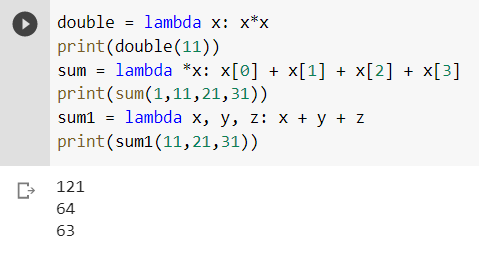
**STRING FUNCTIONS:-**

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**C) BASIC ARRAY OPERATIONS ON 1-D AND MULTIDIMENSIONAL ARRAYS USING NUMPY**

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**D) IMPLEMENTING USER DEFINED AND ANONYMOUS FUNCTIONS**

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