

Title: Python for Data Mining - 1

Aim: Work with Google Colab

Task: Getting practises with python

Getting practises of colab

Exercises

1. Basic mathematical operations using python
 - i. Addition
 - ii. Subtraction
 - iii. Multiplication
 - iv. Division
 - v. Floor Division
 - vi. Power
2. Working of String array
 - i. Print the string array
 - ii. Multiply the string array
 - iii. Retrieve a character
 - iv. Retrieve the set of character
 - v. Concatenate the string
 - vi. Find the length of the string array
3. List
 - i. Introduction to list
 - ii. Assigning value for index
 - iii. Assigning multiple values
 - iv. Length of list
 - v. Append the element
 - vi. Remove the element
 - vii. Copy the list
4. Control flow structure
 - i. If-elif-else
 - ii. While
 - iii. For
 - iv. Continue
 - v. Break
5. Basic Function in python
6. Stack (Last In First Out (LIFO))
 - i. Create the stack
 - ii. Append the stack
 - iii. Remove the element in stack
7. Queue (First In First Out (FIFO))
 - i. Create the queue
 - ii. Insert the element in queue
 - iii. Remove the element in queue