Title: Python for Data Mining - 2

Aim: Working with Matrix

   Working with tuples

   Working with class

Task:

   01. Matrix Implementation
       a. Create the matrix
       b. Transform the matrix

   02. Tuples Implementation
       a. Creating a tuples
       b. Create two tuples and merge togather.
       c. Print the elements in tuples

   03. Array
       a. Defining an array
       b. print the array
       c. Print the last element

   04. Date functions
       a. Today date
       b. Birthday

   05. Numpy
       a. Import the numpy array as np
       b. Concatenate of two arrays
       c. Create the empty array
       d. Creates an array of consecutive integers starting from 0 up to specified value.
       e. Create the two-dimensional array
       f. Sort the array
       g. Find the shape, size, dimension of array
       h. Reshape the array
       i. Increase the dimension of array
       j. Indexing and slicing
       k. Create the array from existing data
       l. Reshape the existing element
       m. Print the array in vertical and horizontal stack
       n. Split the array
       o. Basic array operations
       p. Summary of the array
       q. Multiply the element in the array

r. Find the maximum and minimum element in the array
s. Transpose of the element