Python Lab
PCC-CS393

ASSIGNMENT-5

1. Write a python program to create an 3X3 Matrix with Random Values and print the Matrix.
2. Write a python program to create an 3X3 Matrix and calculate sum of the diagonal elements.
3. Write a python program to perform the addition of two 3X3 Matrixes.
4. Write a python program to perform the elements-wise multiplication of two 3X3 Matrixes.
5. Write a python program to perform the Matrix Multiplication of two 3X3 Matrixes.
6. Write a python program to find the rank of a matrix.
7. Write a python program to find the trace of a matrix.
8. Write a python program to find the determinant of a matrix.
9. Write a python program to solve a set of linear equations.
10. Write a python program to find mean, median, and mode of a set of elements.
11. Write a python program to find row wise maximum and column wise minimum element.
12. Write a python program to find the subtraction of individual elements of two array.