

Assignment – Day 13

1. Write a program that takes two matrices as input and does matrix multiplication (Naive approach)

Example: Input

Take a 3x3 matrix

A = [[12, 7, 3],
[4, 5, 6],
[7, 8, 9]]

Take a 3x4 matrix

B = [[5, 8, 1, 2],
[6, 7, 3, 0],
[4, 5, 9, 1]]

Output: [114, 160, 60, 27] [74, 97, 73, 14] [119, 157, 112, 23]

[Marks: 2]

2. Write a Python function that takes a string as input and return the upper and lower case of it. (use python functional approach)

[Marks: 1]

3. Write a function that takes input as a list of lists as input and sort the list by its first value. Example-

Input: [[5, 7], [9, 11], [7, 3], [0, 12]]

Output: [[0, 12] , [5, 7], [7, 3], [9, 11]]

[Marks: 2]