

Programming and Problem Solving through Python Practical (PR3)**JAN 2026****Exam Date: 11 Feb 2026****Question 1**

From the below text perform the following tasks (alphabets are case insensitive):

“The standard Lorem Ipsum passage, used since the 1500. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et Dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.”

Tasks

Find the count of alphabets. E.g.

count of 'a' is 2

count of 'b' is 5

.....

count of 'z' is 6 *

Question 2

Write a Python program to remove empty strings from the list of strings.

If input is: list1 = ["DL", "", "TN", "TL", "", "KK"]

then output is: ["DL", "TN", "TL", "KK"]

Question 3

Write a program to perform the addition of two square matrices.