

Module - 14 Practice Problem

Problem-1:

Write a program that reads integers into **Queue1** and **Queue2**, merges them into **MergedQueue**, and then prints the elements of **MergedQueue**.

Input:

- The first line contains an integer n, representing the number of integers in Queue1.
- The next line contains n integers, separated by spaces, representing the elements of Queue1.
- The following line contains an integer m, representing the number of integers in Queue2.
- The next line contains m integers, separated by spaces, representing the elements of Queue2.

Output:

- Print a single line containing the integers of MergedQueue, separated by spaces.

| Input | Output |
|-----------------------------------|----------------------|
| 5 1 2 3 4 5 5 6 7 8 9 10 | 1 2 3 4 5 6 7 8 9 10 |
| 2 1 2 3 3 4 5 | 1 2 3 4 5 |
| 5 1 2 3 4 5 2 6 7 | 1 2 3 4 5 6 7 |

