**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 |