

Composite Series

Given a number N, print all the composite numbers less than or equal to N. The number should be printed in ascending order.

Input:

The first line contain an Integer T denoting the number of test cases . Then T test cases follow. Each test case consist of an single integer N.

Output:

Print all the composite Number form 0 to N.

Constraints:

$$1 \leq T \leq 50$$

$$4 \leq N \leq 10000$$

Example:

Input:

2

10

6

Output:

4 6 8 9 10

4 6