



# Introduction to C Programming

## Module 6.5: Practice Day 01

(CF, Pattern)

### Topics:

1. If Else Ladder
2. Nested If Else
3. Loop
4. Nested Loop
5. Basic Mathematics

## Practice Problem 1

Question Link: [Next Alphabet](#)

Sample Input	Sample Output
a	b

## ***Practice Problem 2***

Question Link: [Ali Baba and Puzzles](#)

Sample Input	Sample Output
3 4 5 23	YES
9 5 3 7	YES
1 2 3 1	NO

## Practice Problem 3

Question Link: [Divisors](#)

Sample Input	Sample Output
6	1 2 3 6
7	1 7
4	1 2 4

## Practice Problem 4

Question Link: [Lucky Numbers](#)

Sample Input	Sample Output
39	YES
93	YES
73	NO
37	NO

**Extra Question Link: (Pattern Related) [Optional]**

1. [Pattern 1](#)
2. [Pattern 2](#)
3. [Pattern 3](#)