

**Introduction to C Programming**

# **Module 6.5: Practice Day 01**

**(Codeforces Links)**

**Topics:**

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

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**Question Link:** [Next Alphabet](https://codeforces.com/group/MWSDmqGsZm/contest/326175/problem/C)

| **Sample Input** | **Sample Output** |
| --- | --- |
| a | b |



**Question Link:** [Ali Baba and Puzzles](https://codeforces.com/group/MWSDmqGsZm/contest/326175/problem/D)

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

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**Question Link:** [Divisors](https://codeforces.com/group/MWSDmqGsZm/contest/219432/problem/K)

| **Sample Input** | **Sample Output** |
| --- | --- |
| 6 | 1  2  3  6 |
| 7 | 1  7 |
| 4 | 1  2  4 |

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**Question Link:** [Even Numbers](https://codeforces.com/group/MWSDmqGsZm/contest/219432/problem/B)

| **Sample Input** | **Sample Output** |
| --- | --- |
| 10 | 2  4  6  8  10 |
| 5 | 2  4 |

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**Question Link:** [Lucky Numbers](https://codeforces.com/group/MWSDmqGsZm/contest/326175/problem/I)

| **Sample Input** | **Sample Output** |
| --- | --- |
| 39 | YES |
| 93 | YES |
| 73 | NO |
| 37 | NO |



N = 6 1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

1 2 3 4 5 6



N = 5 5 4 3 2 1

4 3 2 1

3 2 1

2 1

1



N = 6 A

B B

C C C

D D D D

E E E E E

F F F F F F



N = 5

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