Got it ✅  
I’ll give you a **case-wise Codeforces input parsing cheat sheet** for both **Python** and **C++**, so you can instantly match the problem’s input format to the right code snippet.

**📜 Case 1 — Single integer**

Example:

n

**Python**

n = int(input())

**C++**

int n;

cin >> n;

**📜 Case 2 — Multiple integers in one line**

Example:

a b c

**Python**

a, b, c = map(int, input().split())

**C++**

int a, b, c;

cin >> a >> b >> c;

**📜 Case 3 — First line n, second line array of size n**

Example:

5

1 2 3 4 5

**Python**

n = int(input())

arr = list(map(int, input().split()))

**C++**

int n;

cin >> n;

vector<int> arr(n);

for (int i = 0; i < n; i++) cin >> arr[i];

**📜 Case 4 — Multiple test cases, each with simple inputs**

Example:

t

n1

n2

n3

**Python**

t = int(input())

for \_ in range(t):

n = int(input())

# process n

**C++**

int t;

cin >> t;

while (t--) {

int n;

cin >> n;

// process n

}

**📜 Case 5 — Multiple test cases, each with n and then an array**

Example:

t

n

1 2 3

n

4 5 6

**Python**

t = int(input())

for \_ in range(t):

n = int(input())

arr = list(map(int, input().split()))

**C++**

int t;

cin >> t;

while (t--) {

int n;

cin >> n;

vector<int> arr(n);

for (int i = 0; i < n; i++) cin >> arr[i];

}

**📜 Case 6 — Grid / Matrix input**

Example:

3 4

1 2 3 4

5 6 7 8

9 10 11 12

**Python**

n, m = map(int, input().split())

grid = [list(map(int, input().split())) for \_ in range(n)]

**C++**

int n, m;

cin >> n >> m;

vector<vector<int>> grid(n, vector<int>(m));

for (int i = 0; i < n; i++)

for (int j = 0; j < m; j++)

cin >> grid[i][j];

**📜 Case 7 — All numbers given in one line / file**

Example:

1 2 3 4 5 6 7

**Python**

data = list(map(int, input().split()))

If **multiple lines**, but want to read all at once:

import sys

data = list(map(int, sys.stdin.read().split()))

**C++**

vector<int> data;

int x;

while (cin >> x) {

data.push\_back(x);

}

💡 **Pro tip for Codeforces speed**:  
When reading a problem:

1. Look at **first line** — tells you if there’s t (test cases) or just n.
2. Look at **second line** — tells you if it’s an array, multiple variables, or grid.
3. Apply matching snippet from cheat sheet.

If you want, I can also make you a **one-page printable PDF** with this exact cheat sheet so you can keep it open while solving problems until you memorize it. That would make your Codeforces speed a lot faster in the first 3–4 weeks.