

# C++ Handbook

A guide to C++ programming from Algorithms for Competitive  
Programming

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# Contents

<b>1</b>	<b>Template</b>	<b>2</b>
1.0.1	Template in C++ . . . . .	2
<b>2</b>	<b>Algebra</b>	<b>2</b>
2.1	Fundamentals . . . . .	2
2.1.1	text . . . . .	2

# 1 Template

## 1.0.1 Template in C++

Basic template using universal library and FASTIO

```
1 #include <bits/stdc++.h>
2 using namespace std;
3 #define FASTIO() ios_base::sync_with_stdio(0); cin.tie(0); cout.tie(0);
4
5 void solve() {
6
7 }
8
9 int main() {
10     FASTIO();
11     int t = 1;
12     // cin >> t;
13     while (t--) solve();
14 }
```

# 2 Algebra

## 2.1 Fundamentals

### 2.1.1 text

text

```
1 #include <bits/stdc++.h>
```