

2 开始学习C++

C++是C的扩展

- `main()`
- 语句
- 注释
- 函数
- 基本数据类型，数组，结构体

输入输出

➤ `#include <iostream>` //表2.1

➤ `using namespace std;`

➤ `cout`([P2.2 carrot.cpp](#))

➤ `<<`

➤ `cin`([P2.3 getinfo.cpp](#))

➤ `>>`

➤ `endl`

```
1. #include <iostream>
2.
3. int main()
4. {
5.     using namespace std;
6.     int carrots;
7.
8.     cout << "How many carrots?" << endl;
9.     cin >> carrots; // C++ input
10.    cout << "Here are two more. ";
11.    carrots = carrots + 2;
12.    // the next line concatenates output
13.    cout << carrots << " carrots." << endl;
14.    // cin.get();
15.    // cin.get();
16.    return 0;
17. }
```

头文件变化

➤ `#include <cmath>`

➤ `sqrt`