C++常用头文件

#include<iostream>

常见用途：

输入流 " cin>> " 和 输出流 " cout<< " ，后面接的数据类型可以是int,float,double,string等，相当方便，推荐使用.

<https://blog.csdn.net/fengbingchun/article/details/63685373?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522165452277616782246474464%2522%252C%2522scm%2522%253A%252220140713.130102334..%2522%257D&request_id=165452277616782246474464&biz_id=0&spm=1018.2226.3001.4187>

#include<stdio.h>

这本来是C语言标准函数库中的头文件，到C++中就变成了 "cstdio" (两者其实差不多).

常见用途：

格式化输入 "scanf()" 和格式化输出 "printf()" ，功能丰富，但是相比起"cin"和"cout"略显繁琐，

也是非常好用的头文件.

<https://blog.csdn.net/Chnyac/article/details/82744501?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522165452376516781483737923%2522%252C%2522scm%2522%253A%252220140713.130102334..%2522%257D&request_id=165452376516781483737923&biz_id=0&spm=1018.2226.3001.4187>

#include<cmath>

和"cstdio"一样，"cmath"的“前身”是C语言标准函数库中的头文件"math.h"，包含了大量的数学公式，方便计算.

常见用途：

求绝对值 "abs()" ，正弦值"sin()" 等

<https://blog.csdn.net/ly1390811049/article/details/108785824?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522165452386816780366566485%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fall.%2522%257D&request_id=165452386816780366566485&biz_id=0&spm=1018.2226.3001.4187>

#include<windows.h>

常见用途：

"GetAsyncKeyState()()"判断某个键是否被按下.

"system("cls")" 清空屏幕.

"Sleep()" 延迟（单位：毫秒）.

<https://blog.csdn.net/viafcccy/article/details/84262393?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522165452422016781683962560%2522%252C%2522scm%2522%253A%252220140713.130102334..%2522%257D&request_id=165452422016781683962560&biz_id=0&spm=1018.2226.3001.4187>

#include<algorithm>

这是C++的标准算法库

常见用途：

求最大值 "max()" , 求最小值 "min()" ，排序函数 "sort()" 等.

<https://blog.csdn.net/fengbingchun/article/details/78034969?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522165452482416781685358518%2522%252C%2522scm%2522%253A%252220140713.130102334..%2522%257D&request_id=165452482416781685358518&biz_id=0&spm=1018.2226.3001.4187>

"string" "string.h" "cstring"

这三个都是有关字符串使用的头文件

主要用途：

数组初始化函数 "memset()" 插入字符串"insert()" , 去除字符串"erase()" 等.

<https://blog.csdn.net/qq_23827747/article/details/79712281?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522165452375716781483741229%2522%252C%2522scm%2522%253A%252220140713.130102334..%2522%257D&request_id=165452375716781483741229&biz_id=0&spm=1018.2226.3001.4187>

#include<bits/stdc++.h>

它被称为C++的“万能头文件”, 足见其有多么强大，但是我没有将它放在前面，

是因为它的缺点也非常明显——会大大拖慢程序运行速度.

这个头文件几乎包含了所有C++的库函数，大概有好几十个，但其中有不少都是我们平时用不到的.

所以，还是建议需要什么头文件就用什么.（如果只是为了图个方便就当我没说）

<https://blog.csdn.net/Sunnyside_/article/details/118190897?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522165452140316781818727446%2522%252C%2522scm%2522%253A%252220140713.130102334..%2522%257D&request_id=165452140316781818727446&biz_id=0&spm=1018.2226.3001.4187>