

codeforces 简单介绍

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网站

官方 <https://codeforces.com/>

镜像站1 <https://codeforces.ml/>

镜像站2 <https://codeforc.es/>

评分系统

Rating	Rank	Color
$x < 1200$	newbie	灰色
$1200 \leq x \leq 1399$	pupil	绿色
$1400 \leq x \leq 1599$	specialist	青色
$1600 \leq x \leq 1899$	expert	蓝色
$1900 \leq x \leq 2099$	candidate master	紫色
$2100 \leq x \leq 2299$	master	黄色
$2300 \leq x \leq 2399$	international master	深黄色
$2400 \leq x \leq 2599$	grandmaster	红色
$2600 \leq x \leq 2999$	international grandmaster	深红色
$x \geq 3000$	legendary grandmaster	黑红色

比赛类型

Div.1, Div.2, Div.3和Educational Round 和 div.4 和Global

div4 比较少 就出过一场

div3 1600分以下的计分 适合新手的 ak的话也挺有希望的

div2 div1 同一个场次分为两场时候 1900 分及其以上只能参加div1 1900分以下只能参加div2

div2 单独出一场 2100 分以下都是rated

edu 场 2100分以下都是计分的

global 和一些特殊的场 都是针对所有人的。

div3 edu 是有赛后hack的。分数是按照时间制度。（提交一次不对10分钟的罚时）。

其他的是按照分数制度（提交一次不对的话扣50分）

算成绩是按照你的现有分数根据复杂公式（俺也不知道）给你一个预期排名，你打得越好（排名越靠前），加分越多。

打比赛的话只要看rated 还是unrated

gym场

开启coach mode:

上紫 (1900) 并20/30? 场

上黄 (2100)

注册一场比赛

打比赛想要计分的话得事先注册过

Current or upcoming contests					
Name	Writers	Start	Length		
Codeforces Round #693 (Div. 3)	MikeMirzayanov Stepavly Supermagzzz	Jan/04/2021 22:35UTC+8	02:00	Before start 22:52:24	Register » x9919 Until closing 24:52:24
Codeforces Round #694 (Div. 1)		Jan/05/2021 22:35UTC+8	02:00	Before start 46:52:23	Register » x308 Until closing 46:47:23 *has extra registration?
Codeforces Round #694 (Div. 2)		Jan/05/2021 22:35UTC+8	02:00	Before start 46:52:23	Register » x4048 Until closing 46:47:23 *has extra registration?
Codeforces Round #695 (Div. 2)	DS007	Jan/08/2021 22:35UTC+8	02:00	Before start 5 days	Before registration 4 days

1. 点击你想打的比赛的Register

Registration for the contest

Codeforces Round #693 (Div. 3)

Notice:

You are registering "out of competition", reason: rating should be between 0 and 1,599 in order to register for the contest

Terms of
agreement:

The registration confirms that you:
* have read the contest rules
* will not violate the rules
* will not communicate with other participants, use another person's code for solutions/generators, share ideas of solutions and hacks
* will not attempt to deliberately destabilize the testing process and try to hack the contest system in any form
* will not use multiple accounts and will take part in the contest using your personal and the single account.

Take part: ☒ as individual participant

Register

2. 确定以参赛者的身份注册

Current or upcoming contests					
Name	Writers	Start	Length		
Codeforces Round #693 (Div. 3)	MikeMirzayanov Stepavly Supermagzzz	Jan/04/2021 22:35UTC+8	02:00	Before start 22:51:10	Registration completed x9939
Codeforces Round #694 (Div. 1)		Jan/05/2021 22:35UTC+8	02:00	Before start 46:51:10	Register » x309 Until closing 46:46:10 *has extra registration?
Codeforces Round #694 (Div. 2)		Jan/05/2021 22:35UTC+8	02:00	Before start 46:51:10	Register » x4054 Until closing 46:46:10 *has extra registration?
Codeforces Round #695 (Div. 2)	DS007	Jan/08/2021 22:35UTC+8	02:00	Before start 5 days	Before registration 4 days

Contest history

3. 注册完成后会有 **Registration completed**的字样。这样你打计分的比赛你就会计分了。

交题目

以goodbye 2020为例。

PROBLEMS

SUBMIT CODE

MY SUBMISSIONS

STATUS

HACKS

ROOM

STANDINGS

CUSTOM INVOCATION

Problems

#	Name			
A	Bovine Dilemma	standard input/output 1 s, 256 MB		x16475
B	Last minute enhancements	standard input/output 1 s, 256 MB		x14976
C	Canine poetry	standard input/output 2 s, 256 MB		x10106
D	13th Labour of Heracles	standard input/output 2.5 s, 256 MB		x6987
E	Apollo versus Pan	standard input/output 2 s, 256 MB		x4266
F	Euclid's nightmare	standard input/output 2 s, 256 MB		x1929
G	Song of the Sirens	standard input/output 2 s, 256 MB		x461
H	Finding satisfactory solutions	standard input/output 5 s, 1024 MB		x37
I	The Riddle of the Sphinx	standard input/output 1 s, 256 MB		x28

[Complete problemset](#)

[Ask a question](#)

Good Bye 2020

Finished

Practice

[→ Virtual participation](#)

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only in ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

[Start virtual contest](#)

[→ Practice](#)

You are registered for practice. You can solve problems unofficially. Results can be

右边16475 14976 10106 这些是通过的人数，你可以通过人数判断题目难度，在比赛过程中也可以通过这个调整做题策略。

一般来说难度是按照顺序递增，但由于种种情况，可能会存在d题比c题简单，或者e题很水，b题很难的情况。

PROBLEMS

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My contest submissions

#	When	Who	Problem	Lang	Verdict	Time	Memory
102848054	Dec/31/2020 00:58 UTC+8	DrinkMoreBoilingWater	F - Euclid's nightmare	GNU C++17	Happy New Year!	514 ms	37500 KB
102826378	Dec/30/2020 23:55 UTC+8	DrinkMoreBoilingWater	E - Apollo versus Pan	GNU C++17	Happy New Year!	686 ms	11800 KB
102825623	Dec/30/2020 23:53 UTC+8	DrinkMoreBoilingWater	E - Apollo versus Pan	GNU C++17	Runtime error on pretest 2	30 ms	0 KB
102815775	Dec/30/2020 23:32 UTC+8	DrinkMoreBoilingWater	D - 13th Labour of Heracles	GNU C++17	Happy New Year!	249 ms	25800 KB
102808586	Dec/30/2020 23:19 UTC+8	DrinkMoreBoilingWater	C - Canine poetry	GNU C++17	Happy New Year!	46 ms	2200 KB
102785380	Dec/30/2020 22:47 UTC+8	DrinkMoreBoilingWater	B - Last minute enhancements	GNU C++17	Happy New Year!	61 ms	7800 KB
102777044	Dec/30/2020 22:40 UTC+8	DrinkMoreBoilingWater	A - Bovine Dilemma	GNU C++17	Happy New Year!	31 ms	4100 KB

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点击my submissions 之后会看到你的提交记录。

PROBLEMS

SUBMIT CODE

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点击standings之后会看到榜，如下：

PROBLEMS | COMMON STANDINGS | FRIENDS STANDINGS | RATING CHANGES | FRIENDS RATING CHANGES show unofficial

Good Bye 2020

Final standings

C++ C Java Kotlin C# Python 2 Python 3 PyPy D Go Rust Pascal JS Perl PHP Ruby Haskell Ocaml Scala

You may double click into cells (or ctrl+click) to view the submissions history or hack the solution

#	Who	=	*	A 500	B 750	C 1000	D 1000	E 1500	F 1750	G 2500	H 3500	I 4000
1	tourist	10998		499 00:01 (0)	744 00:03 (0)	984 00:06 (0)	976 00:09 (0)	1444 00:14 (0)	1662 00:19 (0)	2187 00:47 (0)	2502 01:47 (0)	
2	maroonrk	10919		499 00:01 (0)	742 00:04 (0)	976 00:09 (0)	966 00:13 (0)	1428 00:18 (0)	1634 00:25 (0)	2120 00:57 (0)	2554 01:36 (1)	
3	Benq	10726		499 00:01 (0)	746 00:02 (0)	984 00:06 (0)	960 00:15 (0)	1428 00:18 (0)	1528 00:37 (1)	2154 00:52 (0)	2427 01:55 (0)	-3
4	scott_wu	10626		492 00:06 (0)	746 00:02 (0)	987 00:05 (0)	974 00:10 (0)	1436 00:16 (0)	1634 00:25 (0)	1967 01:05 (2)		2390 02:31 (0)
5	fivedemands	10617		499 00:01 (0)	686 00:07 (1)	966 00:13 (0)	952 00:18 (0)	1408 00:23 (0)	1615 00:29 (0)	1547 02:23 (0)		2944 01:39 (0)
6	Um_nik	10550		498 00:02 (0)	742 00:04 (0)	982 00:07 (0)	952 00:18 (0)	1412 00:22 (0)	1615 00:29 (0)	2174 00:49 (0)	2175 02:22 (0)	
				499	744	979	963	1420	1620	1857		2443

双击一下就能看别人代码。

点击friend standings 就能看好友的情况。

提交代码时候，你可以文件方式，也可以复制粘贴代码。

Submit solution

Good Bye 2020

Problem: Choose problem 选择交哪个题

Language: GNU G++17 7.3.0 选择语言

Source code:

1

用文件方式

此块地方粘贴你的代码

☐ Switch off editor 用文件方式

Or choose file: 选择文件 未选择任何文件

Be careful: there is 50 points penalty for submission which fails the pretests or resubmission (except

选语言时候一般用GNU G++ 系列，一般选GNU G++ 11 5.1.0 就行。

如果你用了__int128 选GNU G++ 17 9.2.0 (64bit ,msys 2)

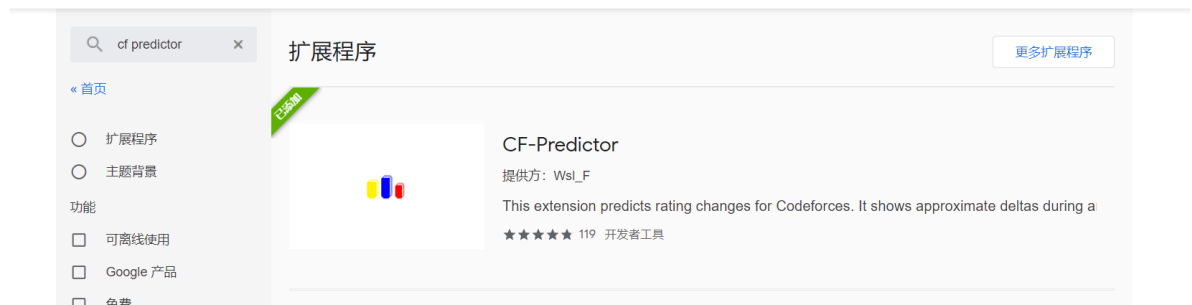
有时候存在选11能ac 选17 tle，这种情况是正常的。还有一些情况（用一种ac用另一种ce）可能你的代码写出了ub（undefined behavior）了，就是你认为这样写是这样的但是编译器没给定义，这种时候挺糟糕的。。

emmm，最快的话一般是14，但是14在某些情况下因为大力优化导致没有11表现好，如果没有用到17的特性的话一般用11交是比较好的。（当然如果你出现17ac 11tle的情况我也不敢保证，但我觉得不会出现这样的情况把qwq？）

CF-Predictor 插件

预测自己升降多少分。

<https://chrome.google.com/webstore/search/cf%20predictor?hl=zh-CN>



他山之石

<https://www.luogu.com.cn/blog/ezoixx130/codeforces-tutorial>