

Algorithms

SPOJ OJ

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Teaching, Training and Coaching for more than a decade!

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Main-function based OJs

- OJs such as SPOJ, UVA, TIMUS, USACO and Codeforces have main-based problems
- This **means**, you write the **main** function()
 - Usually read and write from the console
 - You'll normally read the number of test cases first, then read case by case and answer it
- Many old problems have **long text** and may include statements designed to **trick** you
 - There is a recent trend to be more direct, such as many Codeforces and LeetCode problems
- Test cases are intensive and tricky
 - Expect a lot of failures before ACing a problem
- Every problem has a problem code
 - SPOJ [FCTRL](#), [UVA 108](#), [CodeForces Round 704 Div2-D](#)

SPOJ OJ

- In SPOJ, you can see **your previous codes**
- Sorting by # of solved may be a good indicator

list of classical problems

S	ID	NAME	QUALITY	USERS	ACC %
✓	1	Life, the Universe, and Everything	👍 78	82317	33.35
✓	42	Adding Reversed Numbers	👍 15	30488	48.12
✓	11	Factorial	👍 30	25649	45.50
—	2	Prime Generator	👍 113	25433	15.77
✓	24	Small factorials	👍 24	21059	30.35

TEST - Life, the Universe, and Everything

#basic #tutorial #ad-hoc-1

Your program is to use the brute-force approach in order to *find the Answer to Life, the Universe, and Everything*. More precisely... rewrite small numbers from input to output. Stop processing input after reading in the number 42. All numbers at input are integers of one or two digits.

Example

Input :

1
2
88
42
99

Output :

1
2
88

Information

In case of any problems with your code, you can take a look in the [forum](#), you'll find the answer, only for this problem, in various languages.

[Submit solution!](#)

[Submit solution!](#)

The risks smaller
DDoS attacks
pose to network
infrastructure

[Read article](#)



Added by: mima
 Date: 2004-05-01
 Time limit: 10s
 Source limit: 50000B
 Memory limit: 1536MB
 Cluster: Cube (Intel G860)
 Languages: All
 Resource: Douglas Adams, The Hitchhiker's Guide to the Galaxy

Evaluate this problem



Concept difficulty

Submit Solution

submit a solution

Please insert your source code or choose a file:

No file chosen

```
1 #include<iostream>
2 using namespace std;
3
4 int main()
5 {
6     int num;
7     while(cin>>num) {
8         if(num == 42) break;
9         cout<<num<<"\n";
10    }
11    return 0;
12 }
13
14
```

C++14 (gcc 8.3)

After Submitting

judge status

< Previous 1 2 3 4 5 Next >



ID	DATE	USER	PROBLEM	RESULT	TIME	MEM	LANG
28637905	2021-10-27 17:22:02	Mostafa Saad Ibrahim	Life, the Universe, and Everything	accepted edit ideone it	0.01	5.4M	CPP14
28637900	2021-10-27 17:21:33	Divya	The Next Palindrome	time limit exceeded	-	11M	PYTHON3
28637899	2021-10-27 17:21:20	Hema sri	Life, the Universe, and Everything	wrong answer	0.00	5.2M	C
28637895	2021-10-27 17:20:45	koko	Query on a tree II	time limit exceeded	-	5.3M	CPP14
28637894	2021-10-27 17:20:44	ammu	Small factorials	runtime error (NZEC)	0.15	23M	PYTHON3
28637892	2021-10-27 17:20:32	MohammedTech	First N Positive Number	wrong answer	0.22	53M	JAVA
28637888	2021-10-27 17:20:16	FeloVilches	Busqueda Binaria	accepted	0.04	5.4M	CPP14
28637885	2021-10-27 17:19:37	koko	Query on a tree II	time limit exceeded	-	5.2M	CPP14
28637881	2021-10-27 17:19:32	avm	POWER LEFT	wrong answer	0.00	5.3M	RUST
28637880	2021-10-27 17:19:30	MohammedTech	First N Positive Number	wrong answer	0.15	51M	JAVA
28637878	2021-10-27 17:19:01	koko	Query on a tree II	runtime error (SIGSEGV)	0.01	5.3M	CPP14

My Status

Problems / / Life, the Universe, and Everything / My submissions

⌵ Not hidden submissions All submissions

Mostafa Saad Ibrahim: submissions
Life, the Universe, and Everything



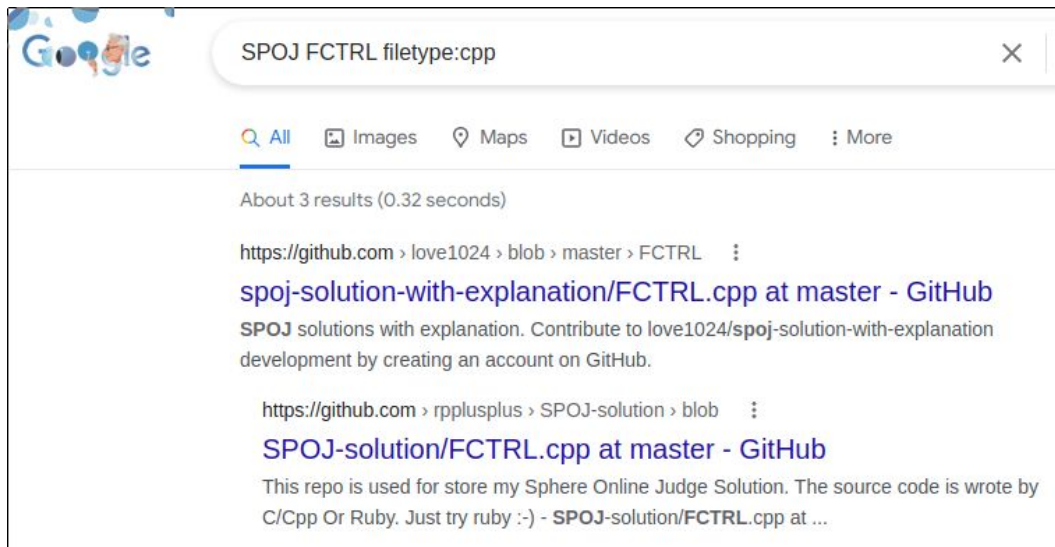
ID		DATE	PROBLEM	RESULT	TIME	MEM	LANG
2459928	<input type="checkbox"/>	2009-06-06 00:07:21	Life, the Universe, and Everything	accepted edit ideone it	0.00	2.5M	CPP
1946420	<input type="checkbox"/>	2008-12-07 15:06:29	Life, the Universe, and Everything	wrong answer edit ideone it	0.00	2.5M	CPP
1946337	<input type="checkbox"/>	2008-12-07 14:36:54	Life, the Universe, and Everything	compilation error edit ideone it	-	-	CPP
1598485	<input type="checkbox"/>	2008-07-23 11:14:56	Life, the Universe, and Everything	wrong answer edit ideone it	0.01	14M	CPP
936477	<input type="checkbox"/>	2007-06-29 00:48:22	Life, the Universe, and Everything	accepted edit ideone it	0.01	2.5M	CPP

What is not available?

- No official editorials to read
- No official solutions to read
- No test cases are given
 - If a problem is from a contest, you may google to find the test cases
- This leaves many people puzzled on how to finish a problem

A Little Good News

- A Little Good News
 - There are many ways to ask for help. Codeforces is active nowadays
 - BUT search first to see if someone has already provided help
 - You can **google** solutions. Many people upload their solutions on Github
 - SPOJ [FCTRL](#) filetype:c++



“Acquire knowledge and impart it to the people.”

“Seek knowledge from the Cradle to the Grave.”