

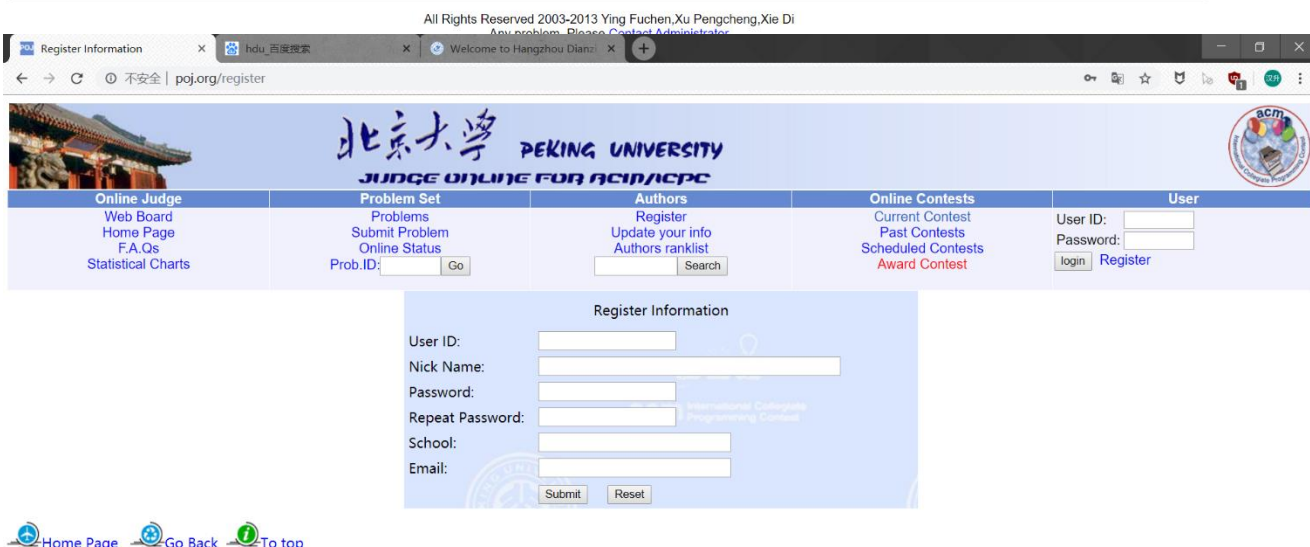
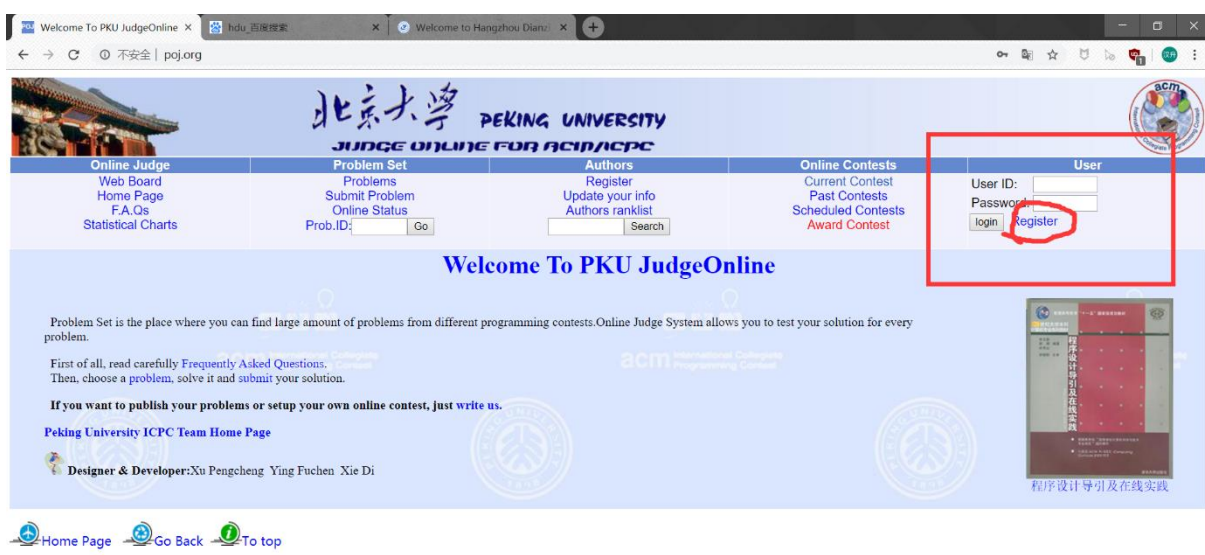
例如 hdu 题库和 poj 题库相似

我们用他们做例子

第一步 申请账号

Poj 网址: poj.org

Hdu 网址: <http://acm.hdu.edu.cn/>



第二步 查看题目

Volume 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Search: IN Title GO Find problems that your team haven't solved Language: Default

ID	Title	Ratio(AC/submit)	Date
1000	A+B Problem	56%(275034/486871)	2019-9-20
1001	Exponentiation	24%(45601/189953)	2019-9-20
1002	487-3279	17%(56831/321415)	2019-9-20
1003	Hangover	48%(69395/143192)	2019-9-20
1004	Financial Management	38%(78867/206871)	2019-9-20
1005	I Think I Need a Houseboat	43%(50121/116238)	2019-9-20
1006	Biorhythms	32%(49701/152999)	2019-9-20
1007	DNA Sorting	40%(45605/113962)	2019-9-20
1008	Maya Calendar	30%(26371/85820)	2019-9-20
1009	Edge Detection	23%(5766/24089)	2019-9-19
1010	STAMPS	29%(6102/20631)	2019-9-10
1011	Sticks	24%(39234/163213)	2019-9-20
1012	Joseph	38%(22771/59613)	2019-9-17
1013	Counterfeit Dollar	31%(16933/54400)	2019-9-18
1014	Dividing	26%(20752/78711)	2019-9-18
1015	Jury Compromise	26%(9616/35621)	2019-9-20
1016	Numbers That Count	33%(7750/22876)	2019-9-15
1017	Packets	34%(23016/67573)	2019-9-19
1018	Communication System	35%(11818/33456)	2019-9-18
1019	Number Sequence	29%(12772/43819)	2019-9-19

我们以第一个题目 A+B problem 为例

A+B Problem

Time Limit: 1000MS Memory Limit: 10000K
Total Submissions: 486871 Accepted: 275034

Description

Calculate a+b

Input

Two integer a,b (0<=a,b<=10)

Output

Output a+b

Sample Input

```
1 2
```

Sample Output

```
3
```

向下拉，我们看见提交键

The screenshot shows the POJ 1000 problem page. The source code is displayed in a text area. Below the code, there are links for [Submit], [Go Back], [Status], and [Discuss]. A red box highlights the [Submit] button, and a red arrow points to it from the right. The page also shows a sample solution in Fortran.

```
import java.io.*;
import java.util.*;

public class Main
{
    public static void main (String args[]) throws Exception
    {
        BufferedReader stdin =
            new BufferedReader(
                new InputStreamReader(System.in));

        String line = stdin.readLine();
        StringTokenizer st = new StringTokenizer(line);
        int a = Integer.parseInt(st.nextToken());
        int b = Integer.parseInt(st.nextToken());
        System.out.println(a+b);
    }
}
```

Here is a sample solution to problem 1000 using Fortran:

```
PROGRAM P1000
  IMPLICIT NONE
  INTEGER :: A, B
  READ(*,*) A, B
  WRITE(*, "(I0)" ) A + B
END PROGRAM P1000
```

[Source](#)

[POJ](#)

[Home Page](#) [Go Back](#) [To top](#)

[\[Submit\]](#) [\[Go Back\]](#) [\[Status\]](#) [\[Discuss\]](#)

将我们的代码粘贴进入代码框，
然后点击提交按钮

The screenshot shows the POJ submission page. The problem ID is 1000, and the language is set to G++. The source code input area is visible, containing C++ code. The page also features a navigation menu and a header for Peking University.

Submit Your Solution Via Web

Problem ID: 1000

Language: G++

Java is J2SE 1.5, enjoy it!

Source:

```
#include<iostream>
using namespace std;
int main()
{
    int n,m;
    cin>>n>>m;
    cout<<n*m<<endl;
    return 0;
}
```

然后就可以看到自己的代码的状态

poj Apache Tomcat/5.5.25 - Error: x Problem Status List x Welcome to Hangzhou Dianzi x Problem Set x

← → ↻ 不安全 | poj.org/status



北京大学
PEKING UNIVERSITY
JUDGE ONLINE FOR ACM/ICPC



Online Judge Web Board Home Page F.A.Qs Statistical Charts	Problem Set Problems Submit Problem Online Status Prob.ID: <input type="text"/> <input type="button" value="Go"/>	Authors Register Update your Info Authors ranklist <input type="button" value="Search"/>	Online Contests Current Contest Past Contests Scheduled Contests Award Contest	User Log Out Mail:0(0) Login Log Archive
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Problem Status List

Problem ID: User ID: Result: All Language: All

Run ID	User	Problem	Result	Memory	Time	Language	Code Length	Submit Time
20880152		1000	Accepted	680K	0MS	G++	102B	2019-09-20 22:53:29
20880151	LZH201812300183	4001	Wrong Answer			G++	4308B	2019-09-20 22:53:19
20880150	vjudge2	2975	Accepted	664K	47MS	G++	1026B	2019-09-20 22:52:50
20880149	block3	2337	Accepted	1540K	16MS	G++	2556B	2019-09-20 22:52:47
20880148	LZH201812300183	4001	Wrong Answer			G++	4308B	2019-09-20 22:52:44
20880147	test19980520	3734	Time Limit Exceeded			C++	1726B	2019-09-20 22:52:35
20880146	helium_lyo	3263	Accepted	524K	188MS	C++	487B	2019-09-20 22:52:35
20880145	vjudge2	3126	Accepted	716K	16MS	G++	1753B	2019-09-20 22:51:41
20880144	test19980520	3734	Accepted	200K	16MS	C++	1688B	2019-09-20 22:51:25
20880143	929804483	2236	Runtime Error			Java	1720B	2019-09-20 22:50:42
20880142	vjudge3	2975	Wrong Answer			G++	973B	2019-09-20 22:50:27
20880141	test19980520	3734	Accepted	200K	16MS	C++	1688B	2019-09-20 22:50:02
20880140	vjudge2	1964	Accepted	4116K	407MS	C++	786B	2019-09-20 22:49:22
20880139	vjudge3	1741	Time Limit Exceeded			G++	2332B	2019-09-20 22:49:11
20880138	vjudge5	2234	Accepted	644K	0MS	G++	872B	2019-09-20 22:47:56
20880137	vjudge3	1503	Output Limit Exceeded			G++	961B	2019-09-20 22:46:55
20880136	test19980520	3734	Accepted	200K	0MS	C++	1644B	2019-09-20 22:45:09
20880135	not3	2926	Accepted	4588K	735MS	G++	692B	2019-09-20 22:44:57
20880134	do3	1741	Time Limit Exceeded			G++	2332B	2019-09-20 22:44:30
20880133	test19980520	3734	Accepted	200K	16MS	C++	1578B	2019-09-20 22:44:11

评测结果

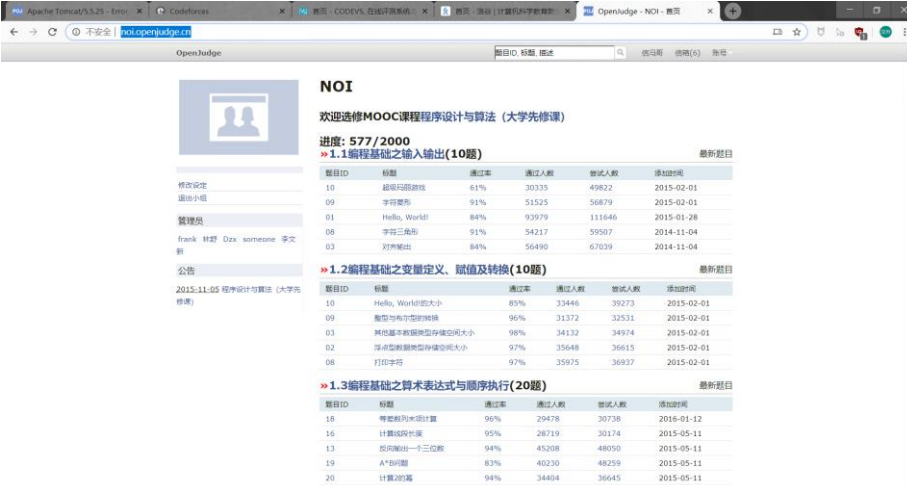
评测结果	缩写	含义
Waiting	WT	用户程序正在排队等待测试
Accepted	AC	用户程序输出正确的结果
Presentation Error	PE	用户程序输出有中有多余的空行，或者某行内有多余的空格。
Time Limit Exceeded	TLE	用户程序运行时间超过题目的限制
Memory Limit Exceeded	MLE	用户程序运行内存超过题目的限制
Wrong Answer	WA	用户程序输出错误的结果
Runtime Error	RE	用户程序发生运行时错误
Output Limit Exceeded	OLE	用户程序输出的结果大大超出正确答案的长度
Compile Error	CE	用户程序编译错误
System Error	SE	用户程序不能被评测系统正常运行
Validator Error	VE	用户程序的输出结果导致评测程序非正常退出
Not Available	NA	针对编程之美系列比赛，大数据的结果在比赛结束前不公开，会显示NA。

基本上就是这个流程，申账号，看题，做题，交题

比较常用的就是 poj, hdu

不过以上两个题面是英文的，对于新手可能并不友好，是摆脱了编程基础困扰的人使用的

要是基础比较差，可以从 <http://noi.openjudge.cn/> 这个做起 (openjudge)



The screenshot shows the NOI OpenJudge website. The main content area displays a list of problems under the heading "NOI 欢迎选修MOOC课程程序设计(大学先修课)". The progress is shown as "进度: 577/2000". The problems are categorized into three groups: "1.1编程基础之输入输出(10题)", "1.2编程基础之变量定义、赋值及转换(10题)", and "1.3编程基础之算术表达式与顺序执行(20题)". Each group contains a table of problems with columns for problem ID, title, pass rate, number of people who passed, number of people who tried, and the time added.

题目ID	标题	通过率	通过人数	尝试人数	添加时间
10	超简单题	61%	30335	49822	2015-02-01
09	学习程序	91%	51525	56879	2015-02-01
01	Hello, World!	84%	93979	111646	2015-01-28
08	李强三角恋	91%	54217	59507	2014-11-04
03	对齐输出	84%	56490	67039	2014-11-04

题目ID	标题	通过率	通过人数	尝试人数	添加时间
10	Hello, World!的大小	85%	33446	39273	2015-02-01
09	数据类型与字符串的转换	96%	31372	32531	2015-02-01
03	两整数之和数据类型存储空间大小	98%	34132	34974	2015-02-01
02	两整数之数据类型存储空间大小	97%	35648	36615	2015-02-01
08	打印字符	97%	35875	36837	2015-02-01

题目ID	标题	通过率	通过人数	尝试人数	添加时间
18	等差数列求和计算	96%	29478	30738	2016-01-12
16	计算线段长度	95%	28719	30174	2015-05-11
13	打印输出一个三位数	94%	45208	48050	2015-05-11
19	A*B问题	83%	40230	48259	2015-05-11
20	计算问题	94%	34804	36645	2015-05-11

从输入输出的训练开始就有，一直到后面的算法内容

还有就是 <http://www.codevs.cn/> 也对于新手比较友好 (codevs)
然后可以是洛谷 <https://www.luogu.org/> 这个维护运营的比较好，大家也可以在网上搜索做题顺序

上面的是做题

然后竞赛实训就是 cf <https://codeforces.com/> 上面定期举办比赛，在 2 小时内解决几道题来锻炼能力

几个介绍他的博客，

<https://blog.csdn.net/qian2213762498/article/details/82318599>

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