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Lucky Game

Problem code: LUCKG

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Chef, to entertain customers, decided to establish some kind of game in his restaurant. And here is what he invented:

n players sit around a round table. There is $n * m$ cards with unique numbers of range $1..n*m$.

Each player has m cards. In each set of the game each player selects some card and everyone shows

his card at the same time. Card of i^{th} player is compared to card of player $p[i]$. If it's number is greater

than the number on card of player $p[i]$, then i^{th} gets a point. P is a permutation of sequence $0..n-1$.

But all customers when playing this game want to win. Chef on his side wants to please his customers.

So, he decided to give cards in such way, that each player gets a point with probability larger than $\frac{1}{2}$.

But it appears to be a complicated task, so he asks you for help.

Input

First line of input contains T – number of test cases. Then T test cases follow. Each test case consists of two lines. First line contains two numbers – n and m . Second one – permutation p .

Output

For each test case, if there's no solution output single line "No Solution" (without quotes), otherwise output n lines with cards for each player. i^{th} line should contain m numbers in increasing order – numbers on i^{th} player's cards.

Extra spaces at the end of the line are not allowed.

Constraints

- $1 \leq T \leq 10$
- $1 \leq n, m \leq 10^3$

Example

Input:

```
2
1 1
0
3 3
2 0 1
```

Output:

```
No Solution
2 6 7
3 4 8
1 5 9
```

Explanation

For second test case, probability is 5/9 for each player to get a point.

SUCCESSFUL SUBMISSIONS

User	Time	Mem	Lang	Solution
ma5termind	0.08	4.3M	C++11	View
anton_lunyov	0.08	23.1M	C++11	View
mrolympia	0.15	6.6M	C++ 4.3.2	View
manish05	0.19	14.1M	C++ 4.3.2	View
vatsalchanana	0.22	7.1M	C++11	View
piyushkumar	0.24	4.1M	PAS fpc	View
gengengen	0.30	3.4M	C++11	View
pedromnasc	0.30	6.7M	C++ 4.3.2	View
dcod	0.31	3.4M	C++11	View
jicotillo	0.31	4.1M	PAS fpc	View
r00sh	0.32	3.3M	C++ 4.3.2	View
nida	0.32	6.4M	C++ 4.3.2	View

1 of 21

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Author: witalij_hq

Tags: witalij_hq

Date Added: 25-04-2014

Time Limit: 1 sec

Source Limit: 50000 Bytes

ADA, ASM, BASH, BF, C, C99 strict, CAML, CLOJ, CLPS, CPP 4.3.2, CPP 4.8.1, CPP11,

Languages: CS2, D, ERL, FORT, FS, GO, HASK, ICK, ICON, JAR, JAVA, JS, LISP clisp, LISP sbcl, LUA, NEM, NICE, NODEJS, PAS fpc, PAS gpc, PERL, PERL6, PHP, PIKE, PRLG, PYTH, PYTH 3.1.2, RUBY, SCALA, SCM guile, SCM qobi, ST, TCL, TEXT, WSPC

SUBMIT

Comments

abcdexter24 @ 4 Jul 2014 03:30 PM

the P permutation is 0 based, the players are 1 based, is this assumption correct ??

mohitaasit @ 4 Jul 2014 03:51 PM

could there be multiple solution or not?

mohitaasit @ 4 Jul 2014 03:53 PM

for second case output can-- 2 4 9 3 5 7 1 6 8

saarabhsuniljain @ 4 Jul 2014 04:13 PM

What if there are more than one solution???

flaminrage @ 4 Jul 2014 04:53 PM

What to do when there are multiple solutions? Or will the solutions always be unique?

xellos0 @ 4 Jul 2014 05:48 PM

Can a player's card be compared to itself ($p[i]=i$)?

witalij_hq @ 4 Jul 2014 09:42 PM

@abcdexter24: Read the problem statement carefully. There is not told that players are 1-based.

gdisastery1 @ 4 Jul 2014 10:07 PM

Multiple solutions allowed ?

witalij_hq @ 4 Jul 2014 10:32 PM

@mohitaasit: Any solution that follows requirements will be accepted.

witalij_hq @ 4 Jul 2014 10:34 PM

@mohitaasit: As long as it meets requirements you're fine.

witalij_hq @ 4 Jul 2014 10:35 PM

@saarabhsuniljain: Any correct solution will be accepted.

witalij_hq @ 4 Jul 2014 10:37 PM

@flaminrage: Uniqueness is not guaranteed. If there are multiple - any one is ok.

witalij_hq @ 4 Jul 2014 10:44 PM

@xellos0: To find answer to your question, please read the problem statement.

witalij_hq @ 4 Jul 2014 11:20 PM

@gdisastery1: Please read comment above.

flaminrage @ 5 Jul 2014 06:58 AM

Should probability be strictly larger than $1/2$?

akash4983 @ 5 Jul 2014 12:53 PM

There is a problem with your judge with extra spaces..i am printing one extra space in each line and its giving WA for that...It costs me 2 hours.

neo1tech9_7 @ 5 Jul 2014 05:42 PM

Players choose their card randomly, right ?

samjay @ 5 Jul 2014 08:06 PM

Can the i th player only obtain a point in the i th set of the game?

witalij_hq @ 5 Jul 2014 10:30 PM

@flaminrage: Please read the problem statement carefully.

witalij_hq @ 5 Jul 2014 10:30 PM

@neo1tech9_7: Please read the problem statement.

witalij_hq @ 5 Jul 2014 10:32 PM

@akash4983: Sorry for that. Please output without spaces.

witalij_hq @ 5 Jul 2014 10:33 PM

@samjay: I don't really understand that question. Please re-read statement, probably your understanding of problem is a bit wrong.

patch_adams @ 5 Jul 2014 11:45 PM

Your judge seems to have a problem with extra spaces. An extra space in each line cost me a wrong answer for 10 hours. Please mention it in the problem statement, it might have been harassing a lot of participants.

gaurav708 @ 6 Jul 2014 12:02 AM

@witalij_hq: Please explicitly mention in the output section that "extra whitespaces at the end of a line are not allowed". There might be many people whose solutions are correct but getting WA because of this issue. If i wouldn't have read @akash4983's comment, i would have never got my solution accepted.

witalij_hq @ 6 Jul 2014 12:12 AM

@patch_adams: Problem statement should be updated soon, sorry for inconvenience.

witalij_hq @ 6 Jul 2014 12:12 AM

@gaurav708: Problem statement should be updated soon, sorry for inconvenience.

rupesh_maity @ 6 Jul 2014 12:15 AM

It was announced that "The test data for the problem LUCKG has been updated and all the ACs have been rejudged". But why were only the ACs rejudged? WAs should be rejudged too.

witalij_hq @ 6 Jul 2014 12:24 AM

@rupesh_maity: No need to rejudge wrong solutions because "updated tests" mean "added tests" but not "modified tests".

anuj000 @ 6 Jul 2014 01:17 AM

@witalij_hq: You should have taken care of one extra space in the end of line while printing the answer. It took me more the 5hrs and 30 wrong submission to finally understand the problem and to make a correct submission. btw nice problem

witalij_hq @ 6 Jul 2014 01:21 AM

@anuj000: Sorry for that. Now I have added a line in a statement which warns about this because modifying checker is quite more complicated because of specific standard it should follow... And thanks :)

alexeykasatkin @ 6 Jul 2014 01:25 AM

Last 3 submissions - Internal Error - what is wrong???

alexeykasatkin @ 6 Jul 2014 01:54 AM

HELLO!!! I am trying to get some attention from the admin staff here. I got an "internal error" for my last 3 submissions for this problem - as far as I understand "internal error" is not in the list of possible results. Do you currently have issues processing submissions for this problem???

alexeykasatkin @ 6 Jul 2014 02:04 AM

I got this for my submission!!! please fix. Successful Submission :(internal error occurred in the system

abilash @ 6 Jul 2014 05:14 AM

Codechef you just lost your credibility . 8 Hrs of rigorous debugging just to remove an extra white space . Such things really hurts .

savy1 @ 6 Jul 2014 12:52 PM

@witalij_hq: Is the new line character allowed after the output of last test case??

witalij_hq @ 6 Jul 2014 01:06 PM

@alexeykasatkin: Sorry, probably were some problems with servers. Is it working now?

witalij_hq @ 6 Jul 2014 01:07 PM

@alexeykasatkin: Sorry for taking long to answer, the thing is that everyone is in different time zones, so can't answer you immediately. So, please be patient - all your questions will be answered.

witalij_hq @ 6 Jul 2014 01:09 PM

@alexeykasatkin: Please try now and say how system is reacting now. Because others are not complaining, so probably at some point there was some kind of glitch in the system.

witalij_hq @ 6 Jul 2014 01:14 PM

@abilash: Sorry for that, I have mentioned in the statement that extra spaces are not allowed. Also please don't say that Codechef became bad now, that's actually my fault that checker does not allow extra whitespaces.

witalij_hq @ 6 Jul 2014 01:15 PM

@savy1: Depends. But better not to output it.

savy1 @ 6 Jul 2014 02:16 PM

@witalij_hq: Can u please just have a look at my solution and tell if there is a fault in the printing format. I'm getting WA again n again.

karliss @ 6 Jul 2014 04:13 PM

What is meant by probability to get a point? Is it probability to get at least one point in m sets, probability to get one point in each set, probability to get point in first set?

myselfmanish @ 6 Jul 2014 08:38 PM

"each player gets a point with probability larger than $\frac{1}{2}$ " ... does it mean getting a point in first set or all M sets ?? From the problem description, it seems M sets, but from the sample input, it seems first set

saarabhsuniljain @ 6 Jul 2014 08:51 PM

for testcase 2 is 3 5 7 1 6 8 2 4 9 a possible answer

alexeykasatkin @ 6 Jul 2014 09:07 PM

Still the same problem - it takes forever to come back and when it does come back it says this: Successful Submission :(internal error occurred in the system Please don't leave me hanging for another 24 hrs and don't assume that it will get resolved by itself. Other people may not be complaining because its language specific or maybe not many people have solved this problem since yesterday or maybe other reasons. Please take my latest submission src (I assume you have access to it) and try to run it yourself.

myselfmanish @ 6 Jul 2014 10:06 PM

"each player gets a point with probability larger than $\frac{1}{2}$ " .. does it refer to getting a point in first set or overall M sets. From the problem statement it seems getting a point in overall M sets, while from sample input description it seems the first set only.

alexeykasatkin @ 6 Jul 2014 10:15 PM

Guys, you really need to make sure somebody is answering questions during Eastern timezone hours...

witalij_hq @ 6 Jul 2014 10:47 PM

@savy1: Please take a look at a line where you output "No solution". There is actually one strange and wrong piece of code. Probably there are more pieces, but this is for you to start with..

witalij_hq @ 6 Jul 2014 10:49 PM

@karliss: Please read the problem statement carefully.

witalij_hq @ 6 Jul 2014 10:49 PM

@myselfmanish: Please read the problem statement carefully.

witalij_hq @ 6 Jul 2014 10:50 PM

@saarabhsuniljain: If it follows the requirement in the statement - then yes, if it doesn't - then no.

witalij_hq @ 6 Jul 2014 10:56 PM

@myselfmanish: Please read the problem statement carefully.

witalij_hq @ 6 Jul 2014 11:03 PM

@alexeykasatkin: There are only two guys that can answer your questions: tester and setter. When you wrote a comment, as I know in was deep night in where tester lives, and it was early morning in where I live. Plus no one can check for comments every hour, so please, be patient.

alexeykasatkin @ 6 Jul 2014 11:49 PM

But could you at least verify that the problem exist? Thanks.

witalij_hq @ 7 Jul 2014 01:07 AM

@alexeykasatkin: The problem is that "judge crashed"... Honestly, I can't imagine what you output that judge fails.. Please, check your output. And assume that this error is WA, because probably I missed handling completely wrong output (like wrong amount of numbers output or something like that)...

alexeykasatkin @ 7 Jul 2014 01:39 AM

You can't just say "assume the error is WA" without looking into the issue. I am not going to claim that my program is correct - but it definitely does not output anything weird. Please troubleshoot my issue.

witalij_hq @ 7 Jul 2014 02:02 AM

@alexeykasatkin: I've submitted your solution, then I saw result of it running, is said that checker failed, then I looked at your solution I can tell you that you're outputting something weird. I will do some investigations, but this will take time, so just a piece of advice: check your output if you don't want to wait for a long time, because I don't know when I'll be able to check this, I'm a bit busy now...

alexeykasatkin @ 7 Jul 2014 02:48 AM

Sample input and output produced by my code (taken from the sample test-case): 2 1 1 0 3 3 2 0 1
No Solution 2 4 9 3 5 7 1 6 8 Tell me what looks weird to you???

pr0ton @ 7 Jul 2014 05:40 AM

Should it print a newline at the end of last test case?

witalij_hq @ 7 Jul 2014 08:28 AM

@alexeykasatkin: Your solution fails not on the sample test case. Probably on other inputs it outputs not enough numbers...

witalij_hq @ 7 Jul 2014 08:29 AM

@pr0ton: I think if you don't output you'll be ok.

savy1 @ 7 Jul 2014 10:33 AM

@witalij_hq: u said that the line where i output "Wrong Solution" is a strange and wrong piece of code. I didn't get it. The spelling of wrong solution is correct. And as u said earlier not to print a new line after last test case, i have to check t before printing 'n'. t=no. of test cases. t decreases on every iteration.

alexeykasatkin @ 7 Jul 2014 10:45 AM

If the same code that fills 3X3 output matrix will fill say 1000X1000 how there could be missing numbers? This is not the kind of help you'd expect. This is your checker that is failing unexpectedly - please don't try to blame somebody else code - at least not until you know exactly what the problem is. You should take my source and run the checker thru debugger and see what exactly is going on.

witalij_hq @ 7 Jul 2014 11:58 AM

@achaitanyasai: Please think more on this.

witalij_hq @ 7 Jul 2014 12:02 PM

@savy1: Probably. Then there is a bug in solution logic. Or not.. But not outputting end of line should not affect the result..

sahil140194 @ 7 Jul 2014 12:17 PM

I am having internal error for my submissions too. Confused :/ Please help

witalij_hq @ 7 Jul 2014 12:21 PM

@alexeykasatkin: I have modified checker and tried your solution - now it's WA. In the contest checker will be updated soon.

witalij_hq @ 7 Jul 2014 12:23 PM

@sahil140194: That's because checker is not handling one thing. Assume that it's wrong answer. Checker will be updated soon.

witalij_hq @ 7 Jul 2014 12:52 PM

@alexeykasatkin: BTW, your solution fails because of just wrong answer far before checker failure, but your solution is checked on all tests, so you were getting internal error.

alexeykasatkin @ 7 Jul 2014 01:47 PM

Thanks bro, please let me know when checker is updated - I'll keep hammering it :)

mrolympia @ 7 Jul 2014 02:22 PM

I am continuously getting ":(internal error occurred in the system", whats the problem ?? Is it with my code or with system ??

saarabhsuniljain @ 7 Jul 2014 03:15 PM

My solution is just running and running not TLE, WA or anything.

viz @ 7 Jul 2014 03:19 PM

i'm also getting internal error

saarabhsuniljain @ 7 Jul 2014 03:22 PM

Now it shows internal error occurred.

saarabhsuniljain @ 7 Jul 2014 03:26 PM

Does the probability need to be strictly greater than 1.

varuntinkle @ 7 Jul 2014 03:32 PM

$p \geq 1/2$ or $p > 1/2$

simb4 @ 7 Jul 2014 04:37 PM

I'm still got internal error, why it happens? Extra space is fixed, but i'm continue getting it.

savy1 @ 7 Jul 2014 07:19 PM

@witalij_hq: I have checked my solution on all possible values of n and m-single cycle. I have created a checker that checks the validity of the solution. It gives No solution on very small test cases only. Can u please tell me the size of the test case where my code fails.

sahil140194 @ 7 Jul 2014 07:58 PM

@witalij_hq, I know you have lots of work but it would be great if you could check my solution. I have tested my solution on lots of test cases and it is working fine. I don't want to get a WA just because of some new line error in output.

khalid545 @ 7 Jul 2014 08:36 PM

I'm getting 'internal error' too.

k1r4 @ 7 Jul 2014 08:44 PM

The ":(internal error occurred in the system" still goes on...

yash_15 @ 7 Jul 2014 09:10 PM

@savy1 : You have to read the problem statement more carefully. I don't want to give away the trivial amend during the contest. @witalij_hq : Good response as a setter. My queries for LEPAIN are going unnoticed.

bustynurses123 @ 7 Jul 2014 09:42 PM

I am having internal error for my submissions too.

witalij_hq @ 7 Jul 2014 10:24 PM

@alexeykasatkin: It should be updated now, but I found one more error, so it will be updated again soon.

witalij_hq @ 7 Jul 2014 10:26 PM

@mrolympia: Checker is now fixed and should be updated soon.

witalij_hq @ 7 Jul 2014 10:26 PM

@saurabhsuniljain: Checker is failing. It is now fixed and should be updated soon.

witalij_hq @ 7 Jul 2014 10:27 PM

@viz: Checker is now fixed and should be updated soon. Sorry for inconvenience.

witalij_hq @ 7 Jul 2014 10:27 PM

@saurabhsuniljain: Checker is now fixed and should be updated soon. Sorry for inconvenience.

witalij_hq @ 7 Jul 2014 10:28 PM

@saurabhsuniljain: "1"? Please read the problem statement.

witalij_hq @ 7 Jul 2014 10:28 PM

@varuntinkle: Please read the problem statement.

witalij_hq @ 7 Jul 2014 10:29 PM

@simb4: Checker is now fixed and should be updated soon. Sorry for inconvenience. Plus I thinks now extra spaces should be allowed.

k1r4 @ 8 Jul 2014 12:54 AM

Can we add a newline at the end of the output?

k1r4 @ 8 Jul 2014 01:49 AM

Do they play only one set?

k1r4 @ 8 Jul 2014 01:53 AM

So, the chance of getting a point is $>1/2$ or $\geq 1/2$?

witalij_hq @ 8 Jul 2014 03:36 AM

@savy1: I have no idea on what test case your solution fails, sorry..

witalij_hq @ 8 Jul 2014 03:37 AM

@khalid545: It should be fixed by now.

witalij_hq @ 8 Jul 2014 03:37 AM

@k1r4: Should be fixed now.

witalij_hq @ 8 Jul 2014 03:38 AM

@k1r4: Solutions were re-judged.

witalij_hq @ 8 Jul 2014 03:39 AM

@yash_15: Thanks :)

witalij_hq @ 8 Jul 2014 03:40 AM

@bustynurses123: Checker was updated and submissions were re-judged. Please check.

witalij_hq @ 8 Jul 2014 03:40 AM

@k1r4: Yes, sure.

witalij_hq @ 8 Jul 2014 03:40 AM

@k1r4: Please read the problem statement.

witalij_hq @ 8 Jul 2014 03:41 AM

@k1r4: Please read the problem statement carefully.

witalij_hq @ 8 Jul 2014 08:12 AM

@sahil140194: There can not be any new line error. Last update of checker even allows extra spaces.

peeyushy95 @ 8 Jul 2014 10:39 AM

elements of p[] are unique or not ?

witalij_hq @ 8 Jul 2014 11:02 AM

@peeyushy95: Please read the problem statement.

buda @ 8 Jul 2014 02:52 PM

Maybe there's a problem with my reading comprehension, but the English version doesn't really specify the strategy of the players... Saying "selects some card" doesn't define how they select the card - for example, they can select it uniformly at random, select it to maximize their score (then we'd need to know if they know the initial distribution of cards etc.), maximize their chance of getting at least one point etc. Anyway, according to Google translate, the Russian version of the problem specifies that they pick a card at random, so I suggest that be made clear in the English version as well.

yash_15 @ 8 Jul 2014 04:25 PM

@All : I have submitted a c++ solution with printing 2 spaces after each number and that extra blank line at the end, and it is also accepted (my second submission). So you **dont** have to worry about the extra space errors. n:)

ng420 @ 8 Jul 2014 07:48 PM

"he decided to give cards in such way, that each player gets a point with probability larger than $\frac{1}{2}$." Please explicitly mention whether every player gets a point in first round, every round or gets overall single point with probability larger than $\frac{1}{2}$. Thanks.

ry_7 @ 8 Jul 2014 08:21 PM

@witalij_hq : Since last 1hr it is showing me ":(an internal occured". Kindly fix it asap .

witalij_hq @ 8 Jul 2014 10:01 PM

@buda: Yes, they select card randomly.

witalij_hq @ 8 Jul 2014 10:02 PM

@ng420: Please read the problem statement carefully.

witalij_hq @ 8 Jul 2014 10:04 PM

@ry_7: Checker should've been updated and no "internal error" should've occur. But anyway, this means that you output something wrong, but that was not caught by checker... I'll try to find out what's wrong.

ry_7 @ 8 Jul 2014 10:06 PM

@witalij_hq : From last 2 hrs it is showing "internal error occured" while submitting the solutions .Kindly fix it asap !

helthazar @ 8 Jul 2014 10:28 PM

"If it's number" should be "if its number", "selects some card" should be "randomly selects some card".

Najmuzzaman @ 9 Jul 2014 01:05 AM

I cannt submit my code.

moshit @ 9 Jul 2014 01:33 AM

Button on submit page clears the attachment/code in editor and refreshes the page for me.

witalij_hq @ 9 Jul 2014 02:11 AM

@ry_7: I can't do that very quick, but I'll fix that soon. But you can keep working on your solution because it's wrong.

witalij_hq @ 9 Jul 2014 02:12 AM

@helthazar: Thanks, I appreciate your comments.

witalij_hq @ 9 Jul 2014 02:12 AM

@Najmuzzaman: I will tell admins about the issue.

witalij_hq @ 9 Jul 2014 02:13 AM

@moshit: I will tell admins about the issue.

kushal_saharan @ 9 Jul 2014 11:12 AM

@witalij_hq: Please let me know if my output format is wrong. If not, then why am i getting WA again and again.

witalij_hq @ 9 Jul 2014 11:19 AM

@kushal_saharan: You're getting WA because your solution is outputting wrong answer.

saarabhsuniljain @ 9 Jul 2014 11:38 AM

I mean 0.5 or 1/2

witalij_hq @ 9 Jul 2014 11:54 AM

@saarabhsuniljain: Ok.

codecracker4 @ 9 Jul 2014 02:37 PM

@witalij_hq Can you please check my last wa submission? Am i getting wa bcoz of wrong o/p or wrong o/p format?

ctlin04 @ 9 Jul 2014 02:48 PM

Please check my solution output format, i think it is good, but i have tried a lot of tests and my program generated a correct answer for all, i really don't know what can be wrong, i am getting WA everytime. Thanks.

kushal_saharan @ 9 Jul 2014 03:40 PM

@witalij_hq: Could you tell me if my distribution of cards are wrong or am I giving "No solution" when solution exists or am I giving a solution where there are no valid solution?

helthazar @ 9 Jul 2014 04:27 PM

Does Chef give the cards using that the table is round or can he give the cards in any order?

mishraiiiit @ 9 Jul 2014 04:47 PM

@witalij_hq My output is correct. I think there is some problem with your checker :|. Please see my solution once. Isn't it in the correct format? Please have a look.

mishraiiiit @ 9 Jul 2014 04:49 PM

@witalij_hq Do I need to print spaces or not in the end of a line?

saarabhsuniljain @ 9 Jul 2014 05:49 PM

Is the extra spaces still matter now or the checker has been updated.

anton_postnikov @ 9 Jul 2014 05:50 PM

Problem statement is fully incorrect. It operates with probabilities, but nothing mentioned that player selects cards at each step _randomly_

crusader123 @ 9 Jul 2014 07:30 PM

@ witalij_hq: Can you just please have a look at my solution. I have tried it for so many test cases. I have also made a validator that checks whether my output is correct. It is also not finding any error. So please , if possible go through my solution once.....thank!!

witalij_hq @ 9 Jul 2014 11:00 PM

@codecracker4: You're getting wa because your solution outputs wrong answer for some test case.

witalij_hq @ 9 Jul 2014 11:01 PM

@ctlin04: Output format is ok. As for now almost any output is ok. Even if numbers are one per line or something like that.

witalij_hq @ 9 Jul 2014 11:02 PM

@kushal_saharan: No, I can't.

witalij_hq @ 9 Jul 2014 11:02 PM

@helthazar: Please read the problem statement.

witalij_hq @ 9 Jul 2014 11:03 PM

@mishraiiiit: I think there is a problem with your solution.

witalij_hq @ 9 Jul 2014 11:03 PM

@mishraiiiit: As you wish. Checker does not care about extra spaces anymore.

witalij_hq @ 9 Jul 2014 11:04 PM

@saarabhsuniljain: Checker has been updated.

witalij_hq @ 9 Jul 2014 11:05 PM

@anton_postnikov: Sorry for that. Each player selects card randomly.

witalij_hq @ 9 Jul 2014 11:06 PM

@crusader123: I guess that I found more test cases that you covered. Please keep working on this.

amansingh5282 @ 10 Jul 2014 02:52 PM

If (i)th player's card is not greater than (p[i])th player's cards , does the (p[i])th player get a point?

random11111 @ 10 Jul 2014 06:15 PM

@witalij_hq can u please tell if the last submission I did is wrong due to these extra spaces or the output is wrong....i think i have covered almost every case...?

ma5termind @ 10 Jul 2014 06:42 PM

@ witali_hq Thanx for providing such good problems set btw i am more interested in the Checker .How do you write one checker that checks for all possible answer .Can you please explain this to me . and finally at the top for this problem :P

witalij_hq @ 10 Jul 2014 11:14 PM

@sahil140194: There could not be a problem because of wrong output format.

witalij_hq @ 10 Jul 2014 11:14 PM

@amansingh5282: Please read the problem statement carefully.

witalij_hq @ 10 Jul 2014 11:15 PM

@armaanmarwaha: The I guess you did not cover all possible test cases.

witalij_hq @ 10 Jul 2014 11:15 PM

@random11111: There is no problem with extra spaces any more.

witalij_hq @ 10 Jul 2014 11:17 PM

@ma5termind: I'm glad for you :) Checker simply checks if condition asked in the statement is true in your answer. It also looks into input file and understands whether there is solution or not.

witalij_hq @ 10 Jul 2014 11:17 PM

@akshaykhanna: There is no problem with output.

gkcs @ 10 Jul 2014 11:29 PM

@witalij_hq : can you please let me know if my solution is wrong or is it the last space i print on each line? Thanks.

witalij_hq @ 10 Jul 2014 11:36 PM

@gkcs: Checker now does not care about extra spaces.

witalij_hq @ 11 Jul 2014 04:57 AM

@ma5termind: @ma5termind: Something like that, but we can use two pointers approach for $O(n*m)$ complexity.

akshaykhanna @ 11 Jul 2014 06:16 PM

@witalij_hq : I can't get where my solution goes wrong ? What am I missing ?

witalij_hq @ 12 Jul 2014 02:48 AM

@codeatpractice: WA means that your solution is wrong.

witalij_hq @ 12 Jul 2014 02:48 AM

@akshaykhanna: You're missing some case.

gkcs @ 12 Jul 2014 09:56 AM

@witalij_hq : "In each set of the game each player selects some card and everyone shows his card at the same time." Is the probability of getting a point for one set or all sets? Although the test cases suggest only one set, I ask because I seem to have tried everything, still getting WA.

witalij_hq @ 12 Jul 2014 10:57 AM

@gkcs: Please read the problem statement.

Need help? Post a comment. But before that please spare a moment to read the [guidelines](#).

Your name:
freeman92

Comment: *

Save

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Directi
Intelligent People. Uncommon Ideas.

The time now is: 08:37:28 AM
Your Ip: 182.73.169.22

CodeChef - A Platform for Aspiring Programmers

CodeChef was created as a platform to help programmers make it big in the world of algorithms, computer programming and programming contests. At CodeChef we work hard to revive the geek in you by hosting a **programming contest** at the start of the month and another smaller programming challenge in the middle of the month. We also aim to have training sessions and discussions related to **algorithms**, **binary search**, technicalities like **array size** and the likes. Apart from providing a platform for **programming competitions**, CodeChef also has various algorithm tutorials and forum discussions to help those who are new to the world of computer programming.

Practice Section - A Place to hone your 'Computer Programming Skills'

Try your hand at one of our many practice problems and submit your solution in a language of your choice. Our **programming contest** judge accepts solutions in over 35+ programming languages. Preparing for coding contests were never this much fun! Receive points, and move up through the CodeChef ranks. Use our practice section to better prepare yourself for the multiple **programming challenges** that take place through-out the month on CodeChef.

Compete - Monthly Programming Contests and Cook-offs

Here is where you can show off your **computer programming** skills. Take part in our 10 day long monthly **coding contest** and the shorter format Cook-off **coding contest**. Put yourself up for recognition and win great prizes. Our **programming contests** have prizes worth up to Rs.20,000 and \$700! lots more CodeChef goodies up for grabs.

Discuss

Are you new to **computer programming**? Do you need help with algorithms? Then be a part of CodeChef's Forums and interact with all our programmers - they love helping out other programmers and sharing their ideas. Have discussions around **binary search**, **array size**, **branch-and-bound**, **Dijkstra's algorithm**, **Encryption algorithm** and more by visiting the CodeChef Forums and Wiki section.

CodeChef Community

As part of our Educational initiative, we give institutes the opportunity to associate with CodeChef in the form of Campus Chapters. Hosting **online programming competitions** is not the only feature on CodeChef. You can also host a **coding contest** for your institute on CodeChef, organize an **algorithm** event and be a guest author on our blog.

Go For Gold

The Go for Gold Initiative was launched about a year after CodeChef was inceptioned, to help prepare Indian students for the **ACM ICPC** World Finals competition. In the run up to the **ACM ICPC** competition, the Go for Gold initiative uses CodeChef as a platform to train students for the **ACM ICPC** competition via multiple warm up contests. As an added incentive the Go for Gold initiative is also offering over Rs.8 lacs to the Indian team that beats the 29th position at the **ACM ICPC** world finals. Find out more about the Go for Gold and the **ACM ICPC** competition [here](#).