

# TOPC 2019@2019.10.5

taiwan online programming contest 2019

team NCTU omio ranked 14(9-14)

pA pB pC 偏易

pD 大約卡很久之後 我想到可以貪心選擇最多的跟在最多附近最多的當成策略  
沒證明的情況下AC

觀察到如果取不完就是剩下一坨一樣的 那就先取掉就好的直覺

(證明大概會像:如果用這個取法不能取=>一定不能取 以最終情況回推)

pE ? 幾何題 沒嘗試

pF 找mod p取根號的題目 當下有想到最接近的是 $\prod a^{P+1} = a^*a, a^k(\text{mod}p)$ 的循環

最後聽說是babystep可以擦邊過 但是最好用一個專門的模板算法

pG ? 沒看題目

pH 線段數單點更新

想到單點更新的性質跟一定是在端點跟谷中間出現最大值

應該要繼續想到可用-INF切割求最大連續區間和的:(

pI 構造資料題 由百里觀察到是幾個數字的乘積

paneltty因為bits/stdc++不支援多了兩次...

今天表現不太好 D應該可以更快 應該要想到H的

The screenshot shows the DOMjudge interface for the TOPC 2019 contest. At the top, the browser address bar shows 'topc2019.icpc.tw/domjudge/team'. Below the navigation bar, a scoreboard table lists teams and their performance across problems A through I. NCTU\_Olmo is ranked 14th with a score of 5/364. The submission log table shows a list of submissions with columns for time, problem, language, and result. The clarification log table shows messages from the jury regarding contest status and rules. At the bottom, there is a section for clarification requests with a 'request clarification' button.

RANK	TEAM	SCORE	A	B	C	D	E	F	G	H	I
14	NCTU_Olmo National Chiao Tung University	5 / 364	3 1 try	8 1 try	27 2 tries	114 1 try		1 try			172 2 tries

Submissions			
time	problem	lang	result
11:52	I	CPP	CORRECT
11:51	I	CPP	COMPILER-ERROR
11:25	F	CPP	TIMELIMIT
10:54	D	CPP	CORRECT
09:27	C	CPP	CORRECT
09:27	C	CPP	COMPILER-ERROR
09:08	B	CPP	CORRECT
09:03	A	CPP	CORRECT

Clarifications				
time	from	to	subject	text
12:05	Jury	All	General issue	The contest is over! The scoreboard is unfrozen now. Thanks for your participa...
11:08	Jury	All	General issue	The scoreboard will freeze at 11:30. A remainder: please send the signed commit...
09:02	Jury	All	General issue	According to the document and the rules, you may use extra monitors for readin...
08:59	Jury	All	General issue	The whole problem set can be download here: https://drive.google.com/open?id=1k...

Clarification Requests	
No clarification request.	
<button>request clarification</button>	















ChromeFileEditViewHistoryBookmarksPeopleWindowHelp

無標題 | Lectur... | 每日任... | timelin... | Syllabi... | 2019/1... | 2019/1... | Your Ri... | mcrave... | A2 Onl... | dsu on... | Elemei... | almer... | New e... | Sc... | +

topc2019.icpc.tw/domjudge/team/scoreboard

Apps | Bookmarks | history | resource | life | game | file | tool | work | #1 | tmp | 新增資料夾 | NCTUAM2018fall | NCTUAM2019fall | 2019 | Other Bookmarks

DOMjudge | Home | Problemset | **Scoreboard** | Submit | Logout | contest over

1	 <b>Official</b> <b>waynedisonitau123</b> National Taiwan University	8	372	2 1 try	3 1 try	8 1 try	16 2 tries	20 tries	62 2 tries	101 1 try	69 2 tries	31 2 tries
2	 <b>BBQube</b> National Taiwan University	7	419	3 1 try	5 1 try	13 1 try	33 1 try		70 1 try	3 tries	146 3 tries	109 1 try
3	 <b>NCTU_TaNoShil</b> National Chiao Tung University	7	586	8 1 try	7 1 try	20 1 try	41 1 try		166 6 tries		69 3 tries	115 2 tries
4	 <b>LYB</b> National Taiwan University	6	165	2 1 try	4 1 try	8 1 try	19 1 try		6 tries	1 try	41 1 try	91 1 try
5	 <b>NTU T1</b> National Taiwan University	6	385	5 1 try	9 1 try	20 1 try	82 1 try		130 4 tries		1 try	59 2 tries
6	 <b>NCTU_Hikari</b> National Chiao Tung University	6	387	4 1 try	6 1 try	15 1 try	65 2 tries				110 1 try	167 1 try
7	 <b>NoName</b> National Taiwan University	6	404	3 1 try	9 1 try	24 1 try	72 1 try		85 3 tries			171 1 try
8	 <b>CRyptoGRapheR</b> National Taiwan University	6	468	3 1 try	7 1 try	15 1 try	162 2 tries		3 tries		104 2 tries	137 1 try
9	 <b>NCTU_Revue</b> National Chiao Tung University	5	131	4 1 try	6 1 try	14 1 try	41 1 try					66 1 try
10	 <b>L.L.L.</b> National Taiwan University	5	204	4 1 try	6 1 try	17 1 try	36 1 try					121 2 tries
11	 <b>NTU_stdio</b> National Taiwan University	5	242	5 1 try	8 1 try	32 1 try	74 1 try					123 1 try
12	 <b>110NTNU</b> National Taiwan Normal University	5	327	3 1 try	7 1 try	45 2 tries	151 2 tries					81 1 try
13	 <b>NCTU_Zero</b> National Chiao Tung University	5	341	5 1 try	6 1 try	29 2 tries	105 1 try					156 2 tries
14	 <b>NCTU_Oimo</b> National Chiao Tung University	5	364	3 1 try	8 1 try	27 2 tries	114 1 try		1 try			172 2 tries

