New Zealand Programming Contest 2024

TEAMS

There were 88 teams who made at least 1 submission.

School	Tertiary Junior	Tertiary Int	Tertiary Open	Open
56	3	4	17	8

The contest started life to help prepare tertiary students for the ICPC. It has developed into a popular contest for school teams, some of which outperform their tertiary rivals.

PROBLEMS

		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Schoool	Solved	48	18	33	26	39	16	31	4	10	13	3	0	8	0	0	0
	Errors	86	130	13	30	79	96	31	47	20	38	40	2	79	6	6	47
	Attempts	134	148	46	56	118	112	62	51	30	51	43	2	87	6	6	47
Tertiary Junior	Solved	1	0	0	0	2	1	2	1	2	1	1	0	1	0	0	0
	Errors	0	0	0	0	1	0	0	3	4	0	3	1	0	6	0	0
	Attempts	1	0	0	0	3	1	2	4	6	1	4	1	1	6	0	0
Tertiary Int	Solved	3	3	3	3	3	1	3	0	3	2	1	0	3	0	0	0
	Errors	4	2	0	1	1	9	0	14	3	4	6	2	0	1	0	0
	Attempts	7	6	0	3	3	9	0	0	9	8	6	0	0	0	0	0
Tertiary Open	Solved	15	12	15	13	15	9	13	6	7	8	6	1	5	1	0	0
	Errors	17	21	4	17	11	31	12	31	7	8	6	1	31	6	5	5
	Attempts	32	33	19	30	26	40	25	37	14	16	12	2	36	7	5	5
Open	Solved	7	3	5	5	7	4	5	2	3	3	3	2	3	2	0	0
	Errors	4	6	0	3	2	20	3	0	3	4	6	2	4	7	6	0
	Attempts	11	9	5	8	9	24	8	2	6	7	9	4	7	9	6	0
TOTAL	Solved	74	36	56	47	66	31	54	13	25	27	14	3	20	3	0	0
	Errors	111	159	17	51	94	156	46	95	37	54	61	8	114	26	17	52
	Attempts	185	195	73	98	160	187	100	108	62	81	75	11	134	29	17	52
% Solved		40.0%	18.5%	76.7%	48.0%	41.3%	16.6%	54.0%	12.0%	40.3%	33.3%	18.7%	27.3%	14.9%	10.3%	0.0%	0.0%

O and P were not solved, L and N had only 3 solutions each. A and E had the most solutions, C had the highest % of successful submissions. H had fewer solutions than 4 of the harder problems!

LANGUAGES

The 1691 submissions used only 4 different languages, with Python 3 again being the most popular. Its percentage of the total submissions, 96%, was even greater than last year.

Python 3	C++	Java	Rust
1635	52	2	2

RESULTS

Once again, the most frequent result was WRONG_ANSWER, over half the submissions, with CORRECT quite a way behind. The table includes 12 submissions that were submitted after the contest ended, none of which would have been correct.

CORRECT	WRONG ANSWER	TIME LIMIT	RUN ERROR	NO OUTPUT	COMPILER ERROR
495	927	82	153	9	24

CLARIFICATIONS

No clarifications lead to teams being notified of a mistake or genuine ambiguity. Despite the Welcome video explaining how a solution can pass the sample data tests but still fail, several clarification requests were once again asking why their code “worked” but DOMjudge said Wrong-Answer.