

The 2020 Ukraine Northern Contest report

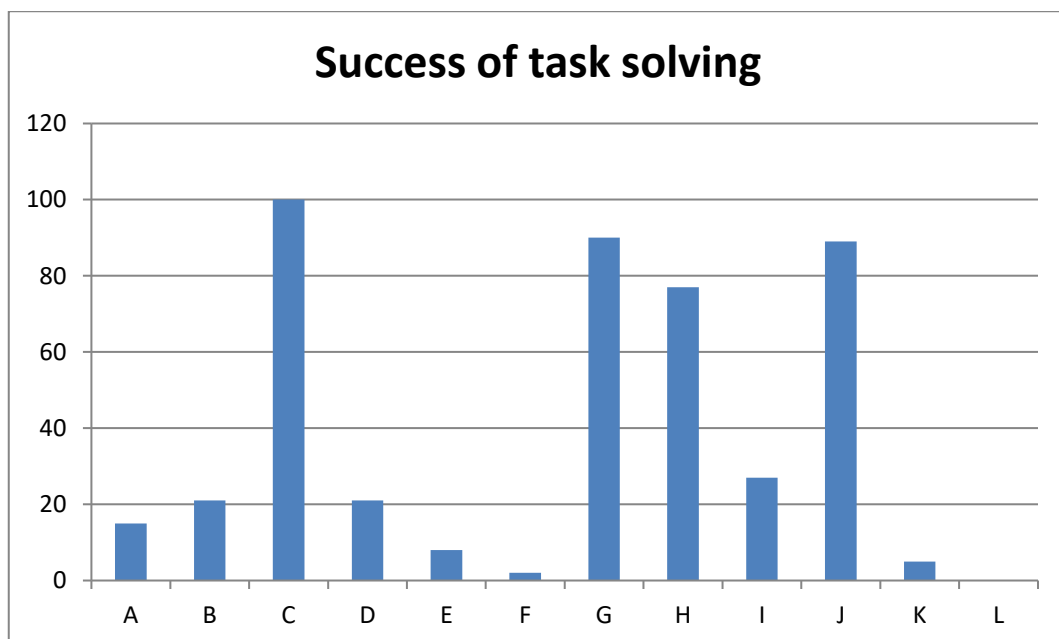
The 2020 ACM-ICPC Ukraine Northern Contest was on September 26, 2020.

This year **84** teams from **9** universities and colleges from **Kyiv and Zhytomyr** regions were registered in the contest, and **20** teams from schools. **73** teams participated in the contest: 61 from universities and colleges and 12 from schools.

Universities

Success of task solving was varied, as shown in the following table and chart:

Task	A	B	C	D	E	F	G	H	I	J	K	L
% of success:	15	21	100	21	8	2	90	77	27	89	5	0



Below you can see a list of university teams ordered by place.

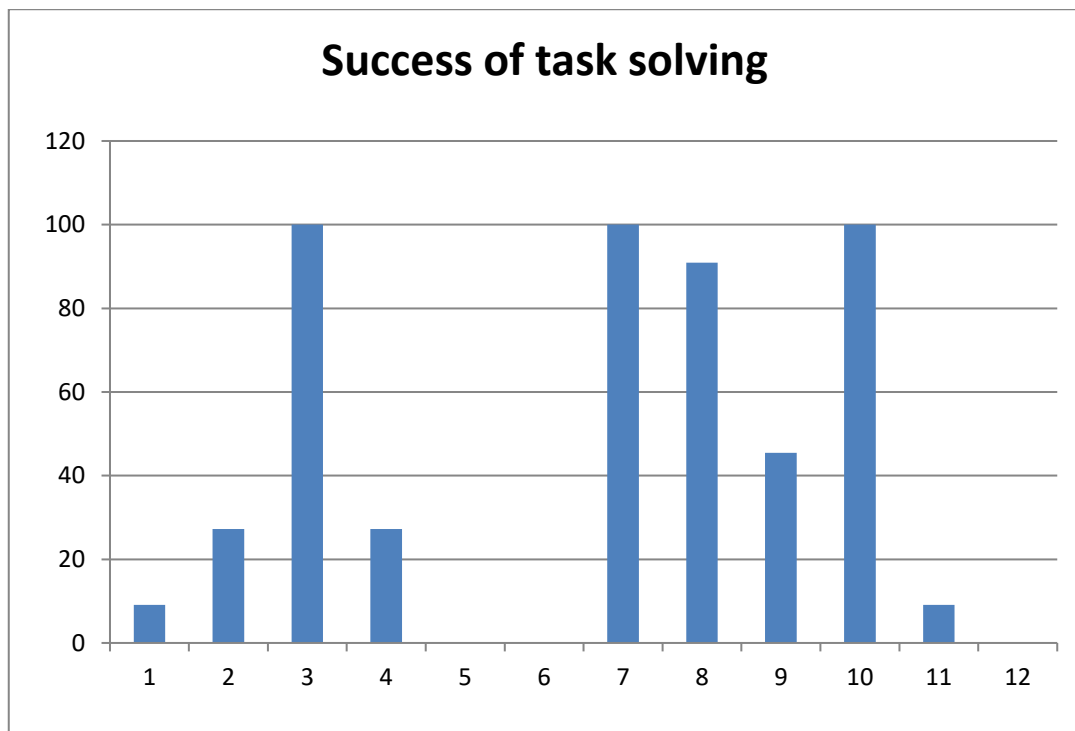
Place	Team	Solved	Penalty
1	KNU_stascool5	10	756
2	KNU_TheNextLevelPlay	10	837
3	KNU_tella	10	883
4	KNU_almostGlobalElite	9	794
5	KNU_SLOZNO	9	928
6	KNU_C_or_ona	8	421
7	KNU_Kakashi	8	560
8	KNU_MesyuraPawnsRidingOnHarvesterOfSorrow	8	711
9	KNU_is_Not_Unix	8	743
10	NaUKMAngels	7	549
11	NTUU_KPI_VRTeam	7	602
12	NTUU_KPI_boolWin	7	845
13	KNU_Cat_walked_on_the_keyboard	7	921

Place	Team	Solved	Penalty
14	KNU_Trip	6	448
15	NTUU_KPI_Kappa_FAM_123_X1_FICT_121_X2_SOPH_X3	6	464
16	KNU_0xDEADBEEF	6	484
17	KNU_Th__I__Pryanik	5	307
18	KNU_KIT_KAT	5	327
19	KNU_L1Coders	5	686
20	KNU_OptimusGang	4	44
21	NaUKMA_rantine	4	46
22	NaUKMA_TeterivV	4	50
23	KNU_main.cpp	4	99
24	c_CCTE_Link	4	112
25-26	NUBiP_TREESOME	4	126
25-26	ZhSU_KGB	4	126
27	c_CCTE_Infinity	4	132
28	NaUKMA_CyberCats	4	151
29	ZhSU_Prometey	4	157
30	NaUKMA_ForcePush	4	160
31	c_CCTE_KauriJuns	4	171
32	RMJ	4	184
33	NUBiP_Tesla	4	186
34	KNU_Sol&Dol	4	192
35	KUBG_DRY	4	223
36	KNU_KBK	4	256
37	KNU_PEPEGA	4	304
38	KNU_OFC	4	309
39	ZhSU_Tarasoft	4	324
40	NaUKMA_noname	4	351
41	ZhS_SampleText	4	355
42	KNU_PoViR	4	425
43	ZhSU_Krivosos <3	4	478
44	KUBG_two_bit	4	504
45	KNU_HARDCODE	4	517
46	KNU_OIC	4	526
47	KNU_StraightBoyz	4	548
48	KNUTE_Innocent	4	812
49	NUBiP_KBV_MOTORS	4	884
50	ZhSU_KosmAs	3	124
51	Nubip_cobblestones	3	172
52	ZhSU_“ERROR 404”	3	233
53	ZhSU_Random	3	389
54	KNU_PENGUINS	3	452

Place	Team	Solved	Penalty
55	ZhSU_Hope	2	112
56	KNUTE_AmazingProgrammers	2	155
57	ZhSU_BRONTOSAURUS'+'+	1	35
58	ZhSU_Prometey	1	40
59	ZhSU_Ricardo	1	41
60	ZhSU_Ganja_mens	1	45
61	ZhSU_Natus Vincere	1	46
Total solved		285	

Schools

Task	A	B	C	D	E	F	G	H	I	J	K	L
% of success:	9	27	100	27	0	0	100	91	45	100	9	0



Following table contain ordered list of school teams.

Place	Team	Solved	Penalty
1	s_ZMCNTTUM_Constructiv	9	487
2	s_KPNL_Glitch	7	485
3	s_KPNL_Kuchniz	6	274

4	s_upml_terminators	6	336
5	s_upml_friendship	5	429
6	s_upml_Kabanchik	4	89
7	s_PL_AABB	4	126
8	s_upml_66on33	4	131
9	s_upml_2/1	4	135
10	ipt_Light's hope	4	234
11	s_PL_AABBNew	4	651
12	s_upml_komOk	3	81
Total solved		60	

Places within each university

TARAS SHEVCHENKO KYIV NATIONAL UNIVERSITY

Place	Absolutely place	Team	Total solved	Penalty
1	1	KNU_stascool5	10	837
2	2	KNU_TheNextLevelPlay	10	883
3	3	KNU_tella	9	325
4	4	KNU_almostGlobalElite	9	473
5	5	KNU_SLOZNO	9	794
6	6	KNU_C_or_ona	8	421
7	7	KNU_Kakashi	8	639
8	8	KNU_MesyuraPawnsRidingOnHarvesterOfSorrow	8	711
9	9	KNU_is_Not_Unix	7	311
10	13	KNU_Cat_walked_on_the_keyboard	7	484
11	14	KNU_Trip	5	135
12	16	KNU_0xDEADBEEF	5	180
13	17	KNU_Th_I_Pryanik	5	183
14	18	KNU_KIT_KAT	5	307
15	19	KNU_L1Coders	5	327
16	20	KNU_OptimusGang	4	44
17	23	KNU_main.cpp	4	99
18	34	KNU_Sol&Dol	4	192
19	36	KNU_KBK	4	256
20	37	KNU_PEPEGA	4	288
21	38	KNU_OFC	4	304
22	42	KNU_PoViR	4	309
23	45	KNU_HARDCODE	4	517
24	46	KNU_OIC	4	526
25	47	KNU_StraightBoyz	4	548
26	54	KNU_PENGUINS	3	116

NATIONAL TECHNICAL UNIVERSITY OF UKRAINE "KIEV POLYTECHNIC INSTITUTE":

Place	Absolute place	Team	Total solved	Penalty
1	11	NTUU_KPI_VRTeam	7	602
2	12	NTUU_KPI_boolWin	7	845
3	15	NTUU_KPI_Kappa_FAM_123_X1_FICT_121_X2_SOPH_X3	6	464

NATIONAL UNIVERSITY OF KYIV-MOHYLA ACADEMY

Place	Absolute place	Team	Total	Penalty
1	10	NaUKMAngels	7	549
2	21	NaUKMA_rantine	4	46
3	22	NaUKMA_TeterivV	4	50
4	28	NaUKMA_CyberCats	4	151
5	30	NaUKMA_ForcePush	4	160
6	40	NaUKMA_noname	4	351

NATIONAL UNIVERSITY OF LIFE AND ENVIRONMENTAL SCIENCES OF UKRAINE

Place	Absolute place	Team	Total	Penalty
1	25-26	NUBIP_TREESOME	4	126
2	33	NUBiP_Tesla	4	186
3	49	NUBiP_KBV_MOTORS	4	884
4	51	Nubip_cobblestones	3	172

KIEV NATIONAL UNIVERSITY OF TRADE AND ECONOMICS

Place	Absolute place	Team	Total	Penalty
1	48	KNUTE_Innocent	4	812
2	56	KNUTE_AmazingProgrammers	2	155

ZHYTOMYR STATE UNIVERSITY NAMED AFTER IVAN FRANKO

Place	Absolute place	Team	Total	Penalty
1	25-26	ZhSU_KGB	4	126
2	29	ZhSU_Prometey	4	157
3	39	ZhSU_Tarasoft	4	324
4	43	ZhSU_Krivosos <3	4	478
5	50	ZhSU_KosmAs	3	124
6	52	ZhSU "ERROR 404"	3	233
7	53	ZhSU_Random	3	389
8	55	ZhSU_Hope	2	112
9	57	ZhSU_BRONTOSAURUS'+'+	1	35
10	58	ZhSU_Prometey	1	40
11	59	ZhSU_Ricardo	1	41
12	60	ZhSU_Ganja_mens	1	45
13	61	ZhSU_Natus Vincere	1	46

BORYS GRINCHENKO KYIV UNIVERSITY

Place	Absolute place	Team	Total	Penalty
1	35	KUBG_DRY	4	223
2	44	KUBG_two_bit	4	504

Colleges

KYIV COLLEGE OF COMPUTER TECHNOLOGIES AND ECONOMICS OF NATIONAL AVIATION UNIVERSITY NATIONAL UNIVERSITY

Place	Absolute place	Team	Total	Penalty
1	24	c_CCTE_Link	4	112
2	27	c_CCTE_Infinity	4	132
3	31	c_CCTE_KauriJuns	4	171

BERDYCHIV COLLEGE OF INDUSTRY, ECONOMICS AND LAW

Place	Absolute place	Team	Total	Penalty
1	32	RMJ	4	184

Coordinators of the contest are grateful to all participants and colleagues. Special thanks for cooperation to **Sergey Petrov** (Sumy) and **Volodymyr Mesyura** (Vinnytsia National Technical University).

Program of the contest was as follows:

Date/time	Action
September, 26, 8:30 – 9:45	Teams registration
September, 26, 9:10 – 9:30	Opening procedure
September, 26, 9:30 – 9:45	Sortition
September, 26, 10:00 – 15:00	Main contest
September, 26, 15:10 – 16:00	Tasks solution discussion

This year Northern contest coordinators are:

Olena Glazunova, Yurii Milovidov, National University of Life and Environmental Sciences

Sergey Petrov, Sumy State University

Vitalii Bondarenko, Taras Shevchenko Kyiv National University

Oksana Lytvun, Borys Grinchenko Kyiv University

Sergey Zhukovskiy, Zhytomyr State University named after Ivan Franko

Viacheslav Suprun, Chernihiv State Technological University