

Codeforces Online Judge

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Codeforces Online Judge - Phase 2 GYM Contests



Lecture Agenda

We will discuss in this lecture
the following topics

- 1- Educational Codeforces Rounds
 - 2- GYM Codeforces Contests I
 - 3- GYM Codeforces Contests II
 - 4- GYM Codeforces Contests III
 - 5- GYM Codeforces Contests IV
 - 6- GYM Codeforces Contests V
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Let's
STARTUP

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Section 1: Educational Codeforces Rounds

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Educational Codeforces Rounds

- [01] Educational Codeforces Round 1: <https://codeforces.com/contest/598>
- [02] Educational Codeforces Round 2: <https://codeforces.com/contest/600>
- [03] Educational Codeforces Round 3: <https://codeforces.com/contest/609>
- [04] Educational Codeforces Round 4: <https://codeforces.com/contest/612>
- [05] Educational Codeforces Round 5: <https://codeforces.com/contest/616>
- [06] Educational Codeforces Round 6: <https://codeforces.com/contest/620>
- [07] Educational Codeforces Round 7: <https://codeforces.com/contest/622>
- [08] Educational Codeforces Round 8: <https://codeforces.com/contest/628>
- [09] Experimental Educational Round: <https://codeforces.com/contest/630>
- [10] Educational Codeforces Round 9: <https://codeforces.com/contest/632>
- [11] Educational Codeforces Round 10: <https://codeforces.com/contest/652>
- [12] Educational Codeforces Round 11: <https://codeforces.com/contest/660>
- [13] Educational Codeforces Round 12: <https://codeforces.com/contest/665>
- [14] Educational Codeforces Round 13: <https://codeforces.com/contest/678>
- [15] Educational Codeforces Round 14: <https://codeforces.com/contest/691>
- [16] Educational Codeforces Round 15: <https://codeforces.com/contest/702>



Educational Codeforces Rounds

- [17] Educational Codeforces Round 16: <https://codeforces.com/contest/710>
- [18] Educational Codeforces Round 17: <https://codeforces.com/contest/762>
- [19] Educational Codeforces Round 18: <https://codeforces.com/contest/792>
- [20] Educational Codeforces Round 19: <https://codeforces.com/contest/797>
- [21] Educational Codeforces Round 20: <https://codeforces.com/contest/803>
- [22] Educational Codeforces Round 21: <https://codeforces.com/contest/808>
- [23] Educational Codeforces Round 22: <https://codeforces.com/contest/813>
- [24] Educational Codeforces Round 23: <https://codeforces.com/contest/817>
- [25] Educational Codeforces Round 24: <https://codeforces.com/contest/818>
- [26] Educational Codeforces Round 25: <https://codeforces.com/contest/825>
- [27] Educational Codeforces Round 26: <https://codeforces.com/contest/837>
- [28] Educational Codeforces Round 27: <https://codeforces.com/contest/845>
- [29] Educational Codeforces Round 28: <https://codeforces.com/contest/846>
- [30] Educational Codeforces Round 29: <https://codeforces.com/contest/863>
- [31] Educational Codeforces Round 30: <https://codeforces.com/contest/873>
- [32] Educational Codeforces Round 31: <https://codeforces.com/contest/884>



Educational Codeforces Rounds

- [33] Educational Codeforces Round 32: <https://codeforces.com/contest/888>
- [34] Educational Codeforces Round 33: <https://codeforces.com/contest/893>
- [35] Educational Codeforces Round 34: <https://codeforces.com/contest/903>
- [36] Educational Codeforces Round 35: <https://codeforces.com/contest/911>
- [37] Educational Codeforces Round 36: <https://codeforces.com/contest/915>
- [38] Educational Codeforces Round 37: <https://codeforces.com/contest/920>
- [39] Educational Codeforces Round 38: <https://codeforces.com/contest/938>
- [40] Educational Codeforces Round 39: <https://codeforces.com/contest/946>
- [41] Educational Codeforces Round 40: <https://codeforces.com/contest/954>
- [42] Educational Codeforces Round 41: <https://codeforces.com/contest/961>
- [43] Educational Codeforces Round 42: <https://codeforces.com/contest/962>
- [44] Educational Codeforces Round 43: <https://codeforces.com/contest/976>
- [45] Educational Codeforces Round 44: <https://codeforces.com/contest/985>
- [46] Educational Codeforces Round 45: <https://codeforces.com/contest/990>
- [47] Educational Codeforces Round 46: <https://codeforces.com/contest/1000>
- [48] Educational Codeforces Round 47: <https://codeforces.com/contest/1009>



Educational Codeforces Rounds

- [49] Educational Codeforces Round 48: <https://codeforces.com/contest/1016>
- [50] Educational Codeforces Round 49: <https://codeforces.com/contest/1027>
- [51] Educational Codeforces Round 50: <https://codeforces.com/contest/1036>
- [52] Educational Codeforces Round 51: <https://codeforces.com/contest/1051>
- [53] Educational Codeforces Round 52: <https://codeforces.com/contest/1065>
- [54] Educational Codeforces Round 53: <https://codeforces.com/contest/1073>
- [55] Educational Codeforces Round 54: <https://codeforces.com/contest/1076>
- [56] Educational Codeforces Round 55: <https://codeforces.com/contest/1082>
- [57] Educational Codeforces Round 56: <https://codeforces.com/contest/1093>
- [58] Educational Codeforces Round 57: <https://codeforces.com/contest/1096>
- [59] Educational Codeforces Round 58: <https://codeforces.com/contest/1101>
- [60] Educational Codeforces Round 59: <https://codeforces.com/contest/1107>
- [61] Educational Codeforces Round 60: <https://codeforces.com/contest/1117>
- [62] Educational Codeforces Round 61: <https://codeforces.com/contest/1132>
- [63] Educational Codeforces Round 62: <https://codeforces.com/contest/1140>
- [64] Educational Codeforces Round 63: <https://codeforces.com/contest/1155>



Educational Codeforces Rounds

- [65] Educational Codeforces Round 64: <https://codeforces.com/contest/1156>
- [66] Educational Codeforces Round 65: <https://codeforces.com/contest/1167>
- [67] Educational Codeforces Round 66: <https://codeforces.com/contest/1175>
- [68] Educational Codeforces Round 67: <https://codeforces.com/contest/1187>
- [69] Educational Codeforces Round 68: <https://codeforces.com/contest/1194>
- [70] Educational Codeforces Round 69: <https://codeforces.com/contest/1197>
- [71] Educational Codeforces Round 70: <https://codeforces.com/contest/1202>





Lecture Agenda

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GYM Codeforces Contests I

- | | |
|---|---|
| [01] Amazalgo 2018 Practice Contest: | https://codeforces.com/gym/101883 |
| [02] II Simulado Ingressantes: | https://codeforces.com/gym/101744 |
| [03] ACM ICPC, JUST Collegiate Programming Contest (2018): | https://codeforces.com/gym/101853 |
| [04] 2015-2016 ACM-ICPC Pacific Northwest Regional Contest: | https://codeforces.com/gym/100819 |
| [05] 2005-2006 ACM-ICPC East Central North America Regional Contest: | https://codeforces.com/gym/100650 |
| [06] 2015 Syrian Private Universities Collegiate Programming Contest: | https://codeforces.com/gym/101020 |
| [07] 2017 JUST Programming Contest 4.0: | https://codeforces.com/gym/101532 |
| [08] 2017 JUST Programming Contest 3.0: | https://codeforces.com/gym/101502 |
| [09] III USP Freshmen Contest: | https://codeforces.com/gym/101375 |
| [10] II USP Freshmen Contest: | https://codeforces.com/gym/100985 |
| [11] Innopolis Open, Elimination round, 2016-2017: | https://codeforces.com/gym/101182 |
| [12] 2016 Al-Baath University Training Camp Contest-1: | https://codeforces.com/gym/101028 |
| [13] Litsey o`quvchilar uchun: | https://codeforces.com/gym/101306 |





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GYM Codeforces Contests II

[01] 2018 Facebook Hacker Cup, Qualification Round:	https://codeforces.com/gym/101859
[02] 2017 Facebook Hacker Cup, Qualification Round:	https://codeforces.com/gym/101222
[03] 2016 Facebook Hacker Cup, Qualification Round:	https://codeforces.com/gym/100869
[04] 2015 Facebook Hacker Cup, Round 1:	https://codeforces.com/gym/100579
[05] 2018 Battle of Brains:	https://codeforces.com/gym/102062
[06] A20J Code Battle Final:	https://codeforces.com/gym/101604
[07] 2017 Spring Waterloo ACM Local Contest:	https://codeforces.com/gym/101431
[08] 2017 PSUT Coding Marathon:	https://codeforces.com/gym/101401
[09] 2017 Bangladesh National High School Programming Contest, NHSPC 2017:	https://codeforces.com/gym/101353
[10] Procon 2016:	https://codeforces.com/gym/101059
[11] 2012-2013 Waterloo Local Contest, 13 October, 2012:	https://codeforces.com/gym/100169
[12] 2011-2012 Wroclaw Short Training Contest (contest 8):	https://codeforces.com/gym/100049
[13] 2011-2012 Wroclaw Short Training Contest (contest 7):	https://codeforces.com/gym/100048
[14] 2011-2012 Waterloo Local Contest, 19 June, 2011:	https://codeforces.com/gym/100009
[15] Local Contest:	https://codeforces.com/gym/100004





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GYM Codeforces Contests III

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|--|---|
| [01] 2018-2019 ACM-ICPC, NEERC, Southern Subregional Contest, Qualification Stage: | https://codeforces.com/gym/101911 |
| [02] 2017-2018 ACM-ICPC Pacific Northwest Regional Contest (Div. 2): | https://codeforces.com/gym/101652 |
| [03] 2017 ACM Amman Collegiate Programming Contest: | https://codeforces.com/gym/101498 |
| [04] 2015 ACM Arabella Collegiate Programming Contest: | https://codeforces.com/gym/100676 |
| [05] JU Flash Contest: | https://codeforces.com/gym/102035 |
| [06] Semana i 2018: | https://codeforces.com/gym/101917 |
| [07] 2018 PSUT Coding Marathon: | https://codeforces.com/gym/101798 |
| [08] La Salle-Pui Ching Programming Challenge 培正喇沙編程挑戰賽 2017: | https://codeforces.com/gym/101522 |
| [09] La Salle-Pui Ching Programming Challenge 培正喇沙編程挑戰賽 2016: | https://codeforces.com/gym/101521 |
| [10] 2017 JUST Programming Contest 2.0: | https://codeforces.com/gym/101343 |
| [11] Bangladesh Olympiad in Informatics 2016: | https://codeforces.com/gym/101212 |
| [12] 2015 PSUT Coding Marathon: | https://codeforces.com/gym/100687 |
| [13] 2014 Winter Programming School, Kharkiv, day 4. Junior league: | https://codeforces.com/gym/100376 |





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GYM Codeforces Contests IV

[01] 2018-2019 ACM-ICPC Pacific Northwest Regional Contest (Div. 1):	https://codeforces.com/gym/101982
[02] ACM ICPC, Arabella Collegiate Programming Contest (2018):	https://codeforces.com/gym/101972
[03] NEERC, ACM-ICPC 2018-2019:	https://codeforces.com/gym/101931
[04] ACM ICPC, Tishreen Collegiate Programming Contest (2017):	https://codeforces.com/gym/101915
[05] 2018 ACM-ICPC, Universidad Nacional de Colombia Programming Contest:	https://codeforces.com/gym/101845
[06] ACM ICPC, Amman Collegiate Programming Contest (2018):	https://codeforces.com/gym/101810
[07] ACM ICPC, Damascus University Collegiate Programming Contest(2018):	https://codeforces.com/gym/101808
[08] 2014-2015 ACM-ICPC Pacific Northwest Regional Contest (Div. 2):	https://codeforces.com/gym/101653
[09] 2013-2014 ACM-ICPC Brazil Subregional Programming Contest:	https://codeforces.com/gym/101473
[10] 2017 ACM-ICPC, Universidad Nacional de Colombia Programming Contest:	https://codeforces.com/gym/101466
[11] 2017 ACM Arabella Collegiate Programming Contest:	https://codeforces.com/gym/101350
[12] 2016-2017 ACM-ICPC, Egyptian Collegiate Programming Contest (ECPC 16):	https://codeforces.com/gym/101147
[13] 2015-2016 ACM-ICPC Southwestern Europe Regional Contest (SWERC 15):	https://codeforces.com/gym/101128
[14] 2016 ACM Amman Collegiate Programming Contest:	https://codeforces.com/gym/101102
[15] 2015 ACM Syrian Collegiate Programming Contest:	https://codeforces.com/gym/101086
[16] 2015-2016 ACM ICPC Baltic Selection Contest:	https://codeforces.com/gym/100796



GYM Codeforces Contests IV

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| [17] 2014-2015 ACM-ICPC Southwestern Europe Regional Contest (SWERC 14): | https://codeforces.com/gym/100783 |
| [18] 2015 ACM Amman Collegiate Programming Contest: | https://codeforces.com/gym/100712 |
| [19] 2004-2005 ACM-ICPC East Central North America Regional Contest (ECNA 2004): | https://codeforces.com/gym/100651 |
| [20] 2008-2009 ACM-ICPC, NEERC, Northern Subregional Contest: | https://codeforces.com/gym/100623 |
| [21] 2010-2011 ACM-ICPC, NEERC, Northern Subregional Contest: | https://codeforces.com/gym/100610 |
| [22] 2014 KTU ACM ICPC Qualification Round: | https://codeforces.com/gym/100495 |
| [23] 2014 Nordic Collegiate Programming Contest: | https://codeforces.com/gym/100502 |
| [24] 2014 Syrian Collegiate Programming Contest (SCPC 14): | https://codeforces.com/gym/100500 |
| [25] 2013 KTU ACM ICPC Qualification Round: | https://codeforces.com/gym/100482 |
| [26] 2013-2014 CT S01E10: 2013 ACM-ICPC (ECPC 2013): | https://codeforces.com/gym/100283 |
| [27] 2018 BACS Contest Replay: | https://codeforces.com/gym/101864 |
| [28] 2018 ECNU Campus Invitational Contest: | https://codeforces.com/gym/101848 |
| [29] 2015 HIAST Collegiate Programming Contest: | https://codeforces.com/gym/100952 |
| [30] 2015 AlBaath Collegiate Programming Contest: | https://codeforces.com/gym/100947 |
| [31] 2015 Tishreen Collegiate Programming Contest: | https://codeforces.com/gym/100935 |
| [32] Tishreen-CPC 2018: | https://codeforces.com/gym/101801 |



GYM Codeforces Contests IV

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|---|---|
| [33] 2019, XII Samara Regional Intercollegiate Programming Contest: | https://codeforces.com/gym/102215 |
| [34] 2018, XI Samara Regional Intercollegiate Programming Contest: | https://codeforces.com/gym/101755 |
| [35] 2017, X Samara Regional Intercollegiate Programming Contest: | https://codeforces.com/gym/101341 |
| [36] 2016, Samara University ACM ICPC Quarterfinal Qualification Contest: | https://codeforces.com/gym/101149 |
| [37] 2016, IX Samara Regional Intercollegiate Programming Contest: | https://codeforces.com/gym/100971 |
| [38] 2015, Samara SAU ACM ICPC Quarterfinal Qualification Contest: | https://codeforces.com/gym/100812 |
| [39] 2015, VIII Samara Regional Intercollegiate Programming Contest: | https://codeforces.com/gym/100694 |
| [40] 2014, VII Samara Regional Intercollegiate Programming Contest: | https://codeforces.com/gym/100460 |
| [41] 2014, Samara SAU ACM ICPC Quarterfinal Qualification Contest: | https://codeforces.com/gym/100488 |
| [42] 2013, VI Samara Regional Intercollegiate Programming Contest: | https://codeforces.com/gym/100187 |
| [43] 2013, Samara SAU ACM ICPC Quarterfinal Qualification Contest: | https://codeforces.com/gym/100247 |
| [44] 2012, Samara SAU ACM ICPC Quarterfinal Qualification Contest: | https://codeforces.com/gym/100090 |
| [45] 2012, V Samara Regional Intercollegiate Programming Contest: | https://codeforces.com/gym/100030 |





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GYM Codeforces Contests V

[01] Innopolis Open, First elimination round, 2018-2019:	https://codeforces.com/gym/102032
[02] Innopolis Open, Second elimination round, 2018-2019:	https://codeforces.com/gym/102052
[03] Innopolis Open, Elimination round 1, 2017-2018:	https://codeforces.com/gym/101627
[04] Innopolis Open, Elimination round 2, 2017-2018:	https://codeforces.com/gym/101640
[05] Innopolis Open, Final round, 2015-2016:	https://codeforces.com/gym/100905
[06] KTU Programming Camp (Day 1):	https://codeforces.com/gym/100735
[07] KTU Programming Camp (Day 2):	https://codeforces.com/gym/100738
[08] KTU Programming Camp (Day 3):	https://codeforces.com/gym/100739
[09] KTU Programming Camp (Day 5):	https://codeforces.com/gym/100741
[10] 2014 Winter Programming School, Kharkiv, day 9 (V. Nespirtny). Junior league:	https://codeforces.com/gym/100384
[11] 2014 Winter Programming School, Kharkiv, day 8 (Team Akai). Junior league:	https://codeforces.com/gym/100382
[12] 2014 Winter Programming School, Kharkiv, day 3 (A. Shmelev). Junior league:	https://codeforces.com/gym/100374
[13] 2010-2011 VII International Zhautykov Olympiad:	https://codeforces.com/gym/100147
[14] 2009-2010 VI International Zhautykov Olympiad:	https://codeforces.com/gym/100143
[15] 2008-2009 V International Zhautykov Olympiad:	https://codeforces.com/gym/100142
[16] 2011-2012 Waterloo Local Contest, 24 September, 2011:	https://codeforces.com/gym/100008



GYM Codeforces Contests V

[17] 2018-2019 XIX Open Cup, Grand Prix of Korea (Division 2):	https://codeforces.com/gym/102058
[18] UFPE Starters Final Try-Outs 2019:	https://codeforces.com/gym/102020
[19] UFBA Practice Session for Brazilian ICPC Regionals - 2018:	https://codeforces.com/gym/101962
[20] 2018 USP-ICMC:	https://codeforces.com/gym/101875
[21] 2018 IME Tryouts:	https://codeforces.com/gym/101858
[22] IME Starters Try-outs 2018:	https://codeforces.com/gym/101804
[23] 2018 Southern Russia Open Championship - XII SFU Olympiad:	https://codeforces.com/gym/101790
[24] UFPE Starters Final Try-Outs 2018:	https://codeforces.com/gym/101628
[25] 2017 United Kingdom and Ireland Programming Contest (UKIEPC 2017):	https://codeforces.com/gym/101606
[26] 2017 Hackatari Codeathon:	https://codeforces.com/gym/101257
[27] Higher Institute for Applied Sciences and Technology CPC 2016:	https://codeforces.com/gym/101061
[28] ICL 2016 (GP of Tatarstan):	https://codeforces.com/gym/100942
[29] VIII Open Programming Championship of Kazan Federal University 2015:	https://codeforces.com/gym/100834
[30] 2015 USP-ICMC:	https://codeforces.com/gym/100733
[31] 2015 Google Code Jam Qualification Round (GCJ 15 Qualification):	https://codeforces.com/gym/100662
[32] 2015 ICL, Finals, Div. 2:	https://codeforces.com/gym/100637



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DO
MORE.