

ITMO UNIVERSITY

Introduction to Competitive Programming Week 1

Welcome to competitive programming
Algorithmic programming competitions

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Saint Petersburg, 2016

ACM ICPC



- ✓ region, country, world
- ✓ Team contest
- ✓ 5 hours
- ✓ ≥ 10 difficult problems
- ✓ icpc.baylor.edu



International Olympiads in Informatics (IOI)



- ✓ region, country, world
- ✓ Team contest
- ✓ 5 hours
- ✓ ≥ 10 difficult problems
- ✓ ioi2016.ru

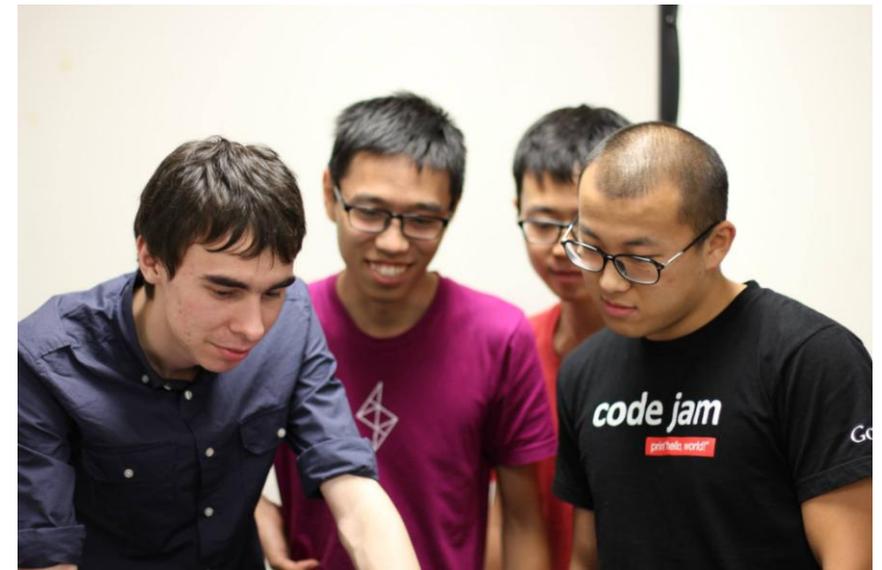


Google Code Jam

code jam

print "hello, world!"

- ✓ 4 rounds
- ✓ Personal contest
- ✓ 2 hr 30 min/round
- ✓ 3 problems
- ✓ code.google.com/codejam



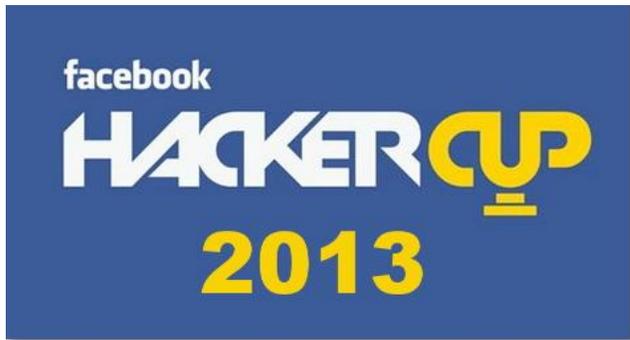
TopCoder Open



- ✓ 4 stages
- ✓ Personal contest
- ✓ 1 hr 30 min/stage
- ✓ 3 problems
- ✓ tco16.topcoder.com



Facebook HackerCup

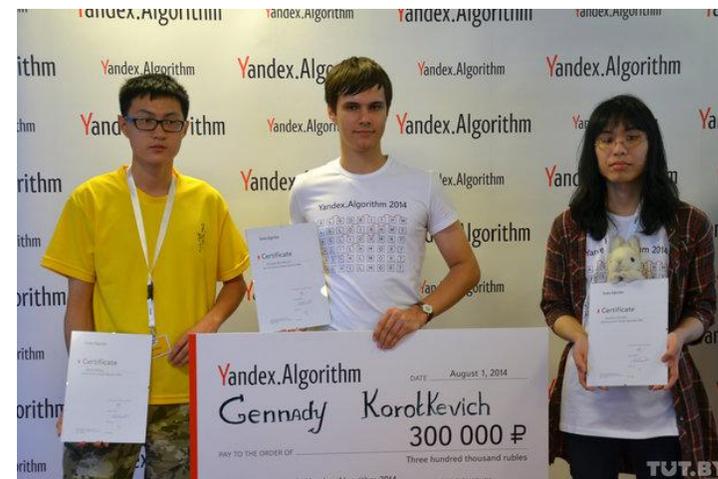


- ✓ 3 rounds
- ✓ Personal contest
- ✓ 3 hours/round
- ✓ 6 problems
- ✓ facebook.com/hackercup/

Yandex.Algorithm

ЯНДЕКС
Алгоритм

- ✔ 4 rounds
- ✔ Personal contest
- ✔ 100 minutes/round
- ✔ 7 problems
- ✔ contest.yandex.ru/algorithm2016



VK CUP



- ✓ 4 rounds
- ✓ Team of 2 persons contest
- ✓ 2-3 hours
- ✓ 7 problems
- ✓ vk.com/vkcup



Challenge 24



- ✓ 2 stages
- ✓ Team contest
- ✓ 24 hours
- ✓ 16 problems
- ✓ ch24.org

