



**WWW.E-OLYMP.COM**  
**Online-Judge**

**Mykhailo Medvediev**  
Assistant Professor  
**ADA University**

**IOI 2019, Baku, Azerbaijan**

# E-olymp internet portal

Created in 2007

Practice and contest platform that supports:

- users registration (70.000 users registered)
- archive of problems (9.000 problems)
- testing system (checked 5.000.000 submissions)
- groups (1000 groups created)
- forum

# E-olymp is included into vjjudge.net



POJ



ZOJ



UVALive



SGU



URAL



HUST



SPOJ



HDU



HYSBZ



UVA



CodeForces



Z-Trening



Aizu



LightOJ



UESTC



NBUT



FZU



CSU



SCU



ACdream



CodeChef



CF::Gym



OpenJudge



Kattis



HihoCoder



HIT



HRBUST



EIJudge



AtCoder



HackerRank



51Nod



TopCoder



E-Olymp

# E-olymp administrators

- Mykhailo Medvediev – Assistant Professor at ADA University, Azerbaijan
- Sergey Zhukovskiy – Senior Lecturer at Ivan Franko Zhytomyr State University, Ukraine

# E-olymp system

Official languages:

- Russian
- Ukrainian
- English
- Azerbaijani

# E-olymp system

Programming languages supported:

- C++
- C#
- Java
- Python
- Pascal

# Types of problems at E-olymp

- Beginner – basic programming courses at schools or universities
- Medium – city / regional programming competitions
- Advanced - national championships and international competitions such as ACM ICPC or IOI

# Beginner problems at E-olymp

- input / output data
- conditional statement
- for, while loops
- Integer & char arrays
- functions
- bit operations



# E-olymp is used in the following courses

- Programming Principles 1 (C/C++)
- Programming Principles 2 (Java)
- Algorithms & Data Structures
- Programming with Python

Many universities in Ukraine and Azerbaijan  
use E-olymp in programming courses

# Activities run in E-olymp groups

- Algorithms and data structures classes in Kiev branch of the Yandex School of Data Analysis, 2011–2015.
- Distance school in Ukraine “9 spiral turns” 2011–2015.
- Lectures in PP1 (C++), PP2 (Java), Data structures & Algorithms in ADA University, since 2015.



2018 Summer ADA Data Structures & Algorithms, Tue-Thu-Sat 10:00 - 12:

Data Structures and Algorithms



2018 Summer ADA Programming Principles 1, Mon-Wed-Fri 10:00 - 12:45

C Programming language



2019 Spring ADA Data Structures and Algorithms, Mon-Wed 11:30 - 12:45

Data Structures and Algorithms



2019 Spring ADA Data Structures and Algorithms, Mon-Wed 14:45 - 16:00

Data Structures and Algorithms



2019 Spring ADA Data Structures and Algorithms, Tue-Thu 11:30 - 12:45

Data Structures and Algorithms



2019 Summer ADA Data Structures and Algorithms

C Programming language

✓	<p>Week 1: January 21 - 27</p> <p>👤 2019 Spring ADA Data Structures and Algorithms, Mon-Wed 11:30 - 12:45</p>	<p>21.01.2019 06:00</p> <p>10.02.2019 23:59</p>
✓	<p>Week 2: January 28 - February 3</p> <p>👤 2019 Spring ADA Data Structures and Algorithms, Mon-Wed 11:30 - 12:45</p>	<p>28.01.2019 08:00</p> <p>10.02.2019 23:59</p>
✓	<p>Week 3: February 4 – 10</p> <p>👤 2019 Spring ADA Data Structures and Algorithms, Mon-Wed 11:30 - 12:45</p>	<p>04.02.2019 06:00</p> <p>17.02.2019 23:59</p>
✓	<p>Week 4: February 11 - 17</p> <p>👤 2019 Spring ADA Data Structures and Algorithms, Mon-Wed 11:30 - 12:45</p>	<p>11.02.2019 06:00</p> <p>26.02.2019 23:59</p>
✓	<p>Week 5: February 18 - 24</p> <p>👤 2019 Spring ADA Data Structures and Algorithms, Mon-Wed 11:30 - 12:45</p>	<p>18.02.2019 06:00</p> <p>05.03.2019 23:59</p>
✓	<p>Week 6: February 25 - March 3</p> <p>👤 2019 Spring ADA Data Structures and Algorithms, Mon-Wed 11:30 - 12:45</p>	<p>25.02.2019 08:39</p> <p>14.03.2019 23:59</p>
✓	<p>Week 8: March 18 - 31</p> <p>👤 2019 Spring ADA Data Structures and Algorithms, Mon-Wed 11:30 - 12:45</p>	<p>18.03.2019 06:00</p> <p>07.04.2019 23:59</p>
✓	<p>Week 9: April 1 - 14</p> <p>👤 2019 Spring ADA Data Structures and Algorithms, Mon-Wed 11:30 - 12:45</p>	<p>08.04.2019 06:00</p> <p>21.04.2019 23:59</p>

## Competitions > Week 3: February 4 – 10

## Problems

## Leaderboard

## Participants

## Access

[illegible]

# E-olymp system

Large number of trainings and official competitions have been organized:

- official competitions at schools and universities
- regional and national competitions in Ukraine and Azerbaijan
- mirrors of ACM ICPC and IOI programming contests
- Summer and winter programming schools (Sevastopol 2011–2013, Kharkiv 2009–2013, Qafqaz university 2011–2015).

# Facebook group

## Competitive programming Problems & Solutions

 Competitive Programming Problems & Solutions 

 Михаил Главная Создать   

Competitive Programming Problems & Solutions

Общедоступная группа

Информация

Обсуждение

Чаты

Участники

Мероприятия

Видео

Фото


Файлы


Статистика группы

Модерировать группу



В группе ▾ ☒ Уведомления  Поделиться ... Ещё

 Публикация  Фото/видео  Прямой эфир ... Ещё

 Напишите что-нибудь...

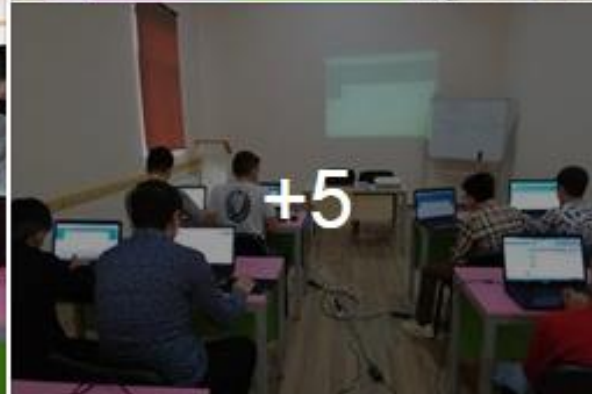
ПРИГЛАСИТЬ УЧАСТНИКОВ

Встроить при

+ Введите имя или эл. адрес...

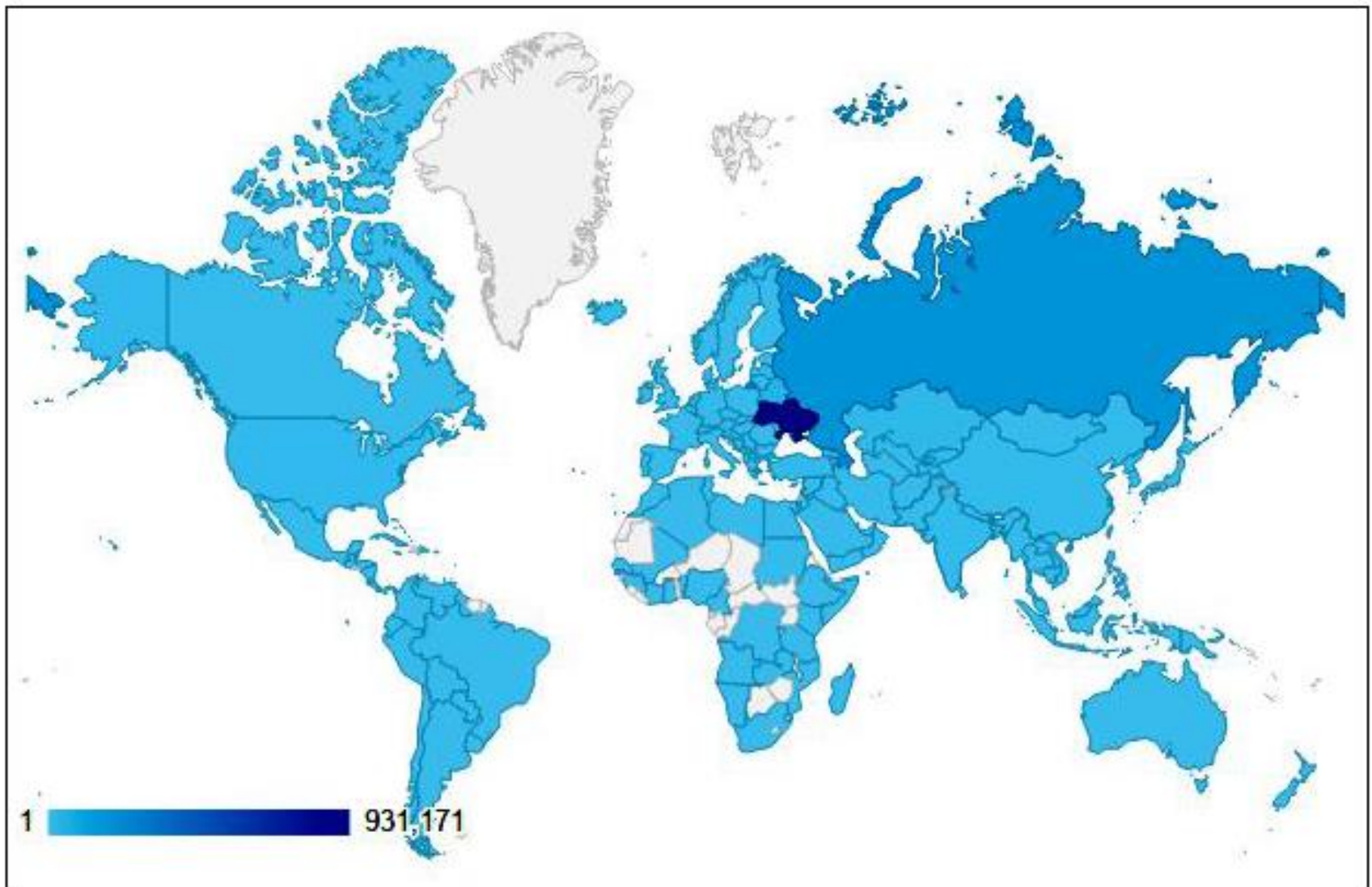


# E-olymp in Baku & Sumgait schools

[illegible]



# E-olymp in the world



Thank you  
for your attention!