# BOI Newspaper





# Ready, Steady, Go!



The 2nd day of BOI begins! All teams arrived yesterday. Those few who arrived early had the time to check the seaside and enjoy the sun. The weather was truly marvellous yesterday! As prof. dr. Valentina Dagienė put in her speech during the opening ceremony, such sunny weather is not usual in Lithuania, yet it always gets to be sunny during BOIs.

The contestants had the chance to test the environment by solving few sample problems. One of the tasks actually required some thinking, coming as a surprise to those expecting A + B type of problems.

On the committee side the day passed without big adventures. The task discussion and translation ended before the midnight - now this is really unusual! Pat yourself on the back for doing the homework, everyone!

Any low lights? Perhaps the lunch. Few dozen of people queued up along the canteen due to a bottleneck in the system. Good thing that everyone here knows the FIFO principle! ☺

Right now, the contest has already started and students are crunching the tasks. Good luck everyone! You're the best!

| Time | Contestants | Team Leaders |
|------|-------------|--------------|
| 07:30 | Breakfast | |
| 09:00 | Competition 1 | Question Time |
| 11:00 | | Amber Museum |
| 14:00 | Lunch | |
| 15:00 | Evaluation | |
| 16:00 | Sports | Appeals, Meeting |
| 19:00 | Dinner | |
| 20:00 | Free Time | Meeting |

| Sun | Mon | Tue |
|-----|-----|-----|
| 18°C 6°C | 18°C 6°C | 16°C 3°C |

# PARTICIPANTS



### Emma Nimstad, Sweden

Emma is one of the two female participants of the BOI. In fact, she enjoys being one of the few girls here quite a bit, saying that it's fun and it makes her feel special. Her favorite problems are ones with graphs and she found practice tasks quite challenging as she hasn't solved many interactive problems before. As it's first Emma's Baltic Olympiad, she feels a bit nervous but hopes everything will be alright. Let's hope so! May the famous bear, the Swedish team mascot, travelling to all the Olympiads, bring her good luck!



### Håkon Flatval, Norway

For Håkon, this BOI is the first international competition as well. Apparently, in Norway they have a few selection rounds, after which six best are selected from thirty for BOI during finals. He found practice tasks not to be overly simple, mentioning that the task called Numbers had a few catches he couldn't find for quite some time. Preferring graph problems to others, Håkon says he tries not to overemphasize the importance of the competitions, taking it easy and hoping for the best!



### Aleksejs Zajakins, Aleksejs Popovs, Latvia

The guys are feeling great – the trip from Latvia to Lithuania wasn't too long and they both are enjoying the comfort of Palanga. Both have been to BOI before – for Aleksejs Popovs it's the 4th and for Aleksejs Zajakins its the 2nd Olympiad. Being into ad-hoc tasks (Aleksejs P. also mentioned number theory problems as his favorite), they didn't find practice problems particularly difficult. As for many, the Network task was the most unusual – you don't get to solve interactive problems too often. The guys reckon Poland will take most medals. However, they are ready to do their best to score as high as possible!

# Random bits



Relaxing after practice session. The guides and the participants: football match!

LIFO, FIFO? Whatever, just give me some food!





Did you know it? Pens you've received work with touch-screen devices!

Sun, sea and beach. What else do you need for a frisbee game?



| English | Lithuanian |
|---|---|
| Task | Uždavinys |
| 300 points | Tris šimtai taškų |
| Recursion | Rekursija |
| Sorting | Rikiavimas |
| Complexity | Sudėtingumas |
| Algorithm | Algoritmas |
| Good luck! | Sėkmės! |
| Congratulations | Sveikinu |
| Winner | Nugalėtojas |

# Om Nom Nom 🍽



## Šaltibarščiai

Red beets
Cucumbers
Onions
Eggs
Dill
Sour cream
Buttermilk

*Šaltibarščiai* or *cold beet soup* is one of the traditional Lithuanian dishes. Cooked on the basis of buttermilk instead of water, there is little on earth that can compare to a bowl of this refreshing, light soup during scorching summer days. Šaltibarščiai is usually served with fried or boiled potatoes, an ingredient adding a delightful contrast between cold and hot halves of the dish.

# You've got problems...

### Dividing squares

Divide a 13x13 square into 11 smaller squares with integer sides; into 13 smaller squares with integer sides.
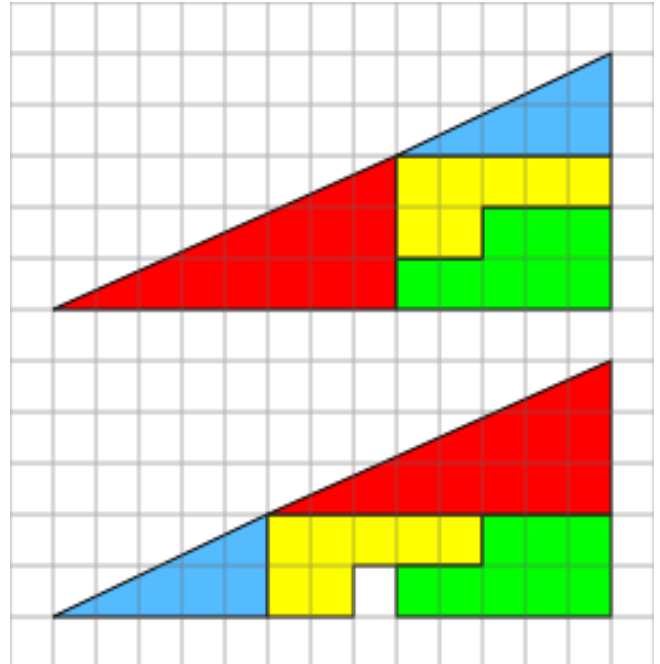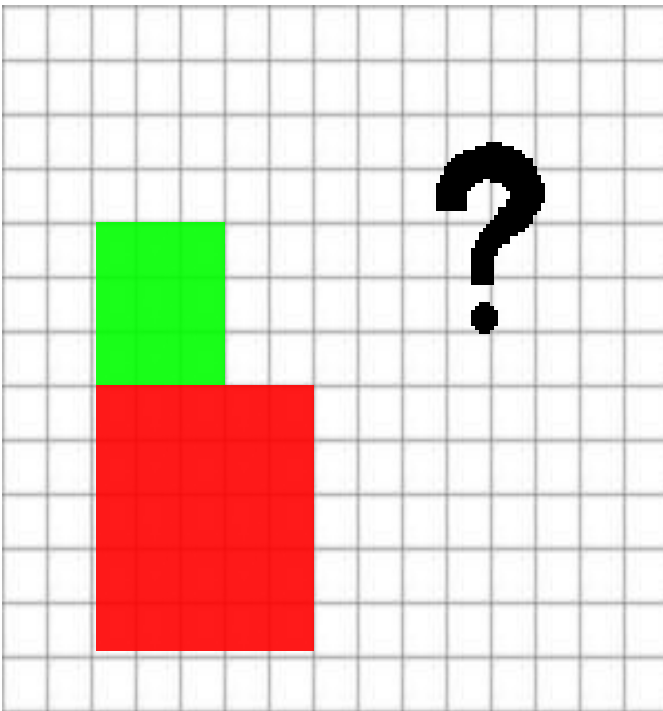




### Missing square

In the picture above, both triangles are made of the same components. However, the lower triangle has one square missing. How can it be?

# Fun Time :D