

First day of the contest



For five hours, the windows of the competition room were wide open and you were able to enjoy the view of the beautiful blue sea and the perfect weather, but our CEOI contestants were too busy to see it: they were working hard on a difficult problem set. The Scientific Committee is to blame, of course – we thought the problems were easier than they turned out to be, we thought more people were going to solve the first two tasks. Nevertheless, I am quite happy with the contest: it was challenging, exciting, motivating (well, at least I get motivated by hard problems), and everything went all right, without an issue, with zero (0) appeals.

On the interactive first task, *Treasure*, the contestants submitted a whole variety of different solutions: there were 17 distinct scores (from 0 to 100). This resulted in a ranking list with very few ties. Two contestants had a full score on this task: Eduard Batmendiyn from Slovakia and Kamil Rychlewicz from Poland. (Unfortunately, so few of them

that I have enough space to write their names and countries. And this sentence.) Congratulations to them!

On the second task, *Tram*, the contestants were less successful: only one full score, achieved by the winner of Day 1: Andrei Heidelbacher from Romania. Congratulations to Andrei! He has a high total score of 174 points, and even had 198 at some point during the contest, but then submitted a new solution for *Treasure* which was worth less points. There were some quite serious attempts to solve the third, very difficult task, *Spot*: the best one came from Jarosław Kwiecień from Poland, 48 points. Well done!



Adrian Satja Kurdija, Scientific Committee

The first part of the contest is over, the contestants are enjoying Primošten, the sea, the nice weather, and the interesting team games organized for them. (Or coding.) I hope the tasks on the second day will be even more fun. Day 2 should bring the contestants even more joy and excitement. Oh, and points.

Tournament Day

Primošten – Photo Trekking

Today we had a great time! First we had to complete 10 tasks in the shortest possible time. It was so funny when we had to pick a random person from Primošten and take a photo. Of course we (guides) stopped some handsome pizza guy on motorbike. We had to find a donkey and olive tree. Some smart teams managed to find restaurant called Olive with olive picture so they were slightly faster than others. We also had to find to



old church and jump in front of it. It was hard to harmonize, but finally we made it.

Here are the results:

1st place: GUIDES - Tina, Maja, Lucija, Sandra, Iva, Karolina, Marica, Lucija, Željka, Renata, Izabela

2nd place: RANDOM - Friedrich, Vendel, Eduard, Daniel, Fabian

3rd place TEAM 42 - Szilveszter, Jan, Philip, Vaclav, Timon



Beach Volleyball Tournament

We had an exciting volleyball tournament in the afternoon. Eight teams of four, with each member being a contestant from a different country, showed they had other talents besides programming. They showed a real great sport spirit. For their great achievement, they were presented with diplomas.



Here are the results:

1st place: RANDOM – Friedrich, Vendel, Eduard, Daniel, Fabian

2nd place: EAT SLEEP CODE – Kamil, Philip, Martin, Ambrus, Silviu-Emil

3rd place: TEAM 42 – Szilveszter, Jan, Philip, Vaclav, Timon



“All for one and one for all, united we stand divided we fall”



As all of you could read in the first issue of Newsletter, we gathered here 10 characters with only one mission. To make you all feel safe and secure from all the evils that are threatening from outerworld.

Now, four days later, everybody is interested in how did they manage so far. I tried to find out about it by talking to Izabela - Guide Master.

- *What are your responsibilities and how does the daily timetable look like?*

There is ten of us. Each of us is guiding and protecting one team of four competitors. We have to wake them up, make sure that everybody had breakfast and that all of them arrive at competition area safely and on time. We use our special powers for that. ~~And some secret tunnels and catacombs.~~ Oops, scratch that last sentence, please.

Also, we are spending with them their free time, which includes sightseeing, volleyball, handball, table tennis, darts, pool... We are helping them with solving some small issues such as finding the exchange office and stores.

- *How are you all getting along?*

We are getting along just great! They are all very friendly with each other and with us (some unverified info claimed that they were afraid of us, but I'm sure that it was just a pathetic attempt made by the enemies to divide us). We went swimming in the sea. The Hotel Pool and Sauna was also on our "to do list".

Yesterday, we organized "off the record competition" in beach volleyball, table tennis and Tug of War. And, due to the safety reasons, that is all I can share with you at this moment. I'm sending my best regards to all competitors!



SOLUTION from October 15 Daily Challenge #2 – "shuffled_chars"

This task can be solved without using a computer.
The solution is a sequence of characters "hello CEO!!!".

Clarification: First notice that the letters often form certain shapes that are characteristic to the C language. Then analyse the occurrence of individual characters or use any other method to figure out how the characters have been switched and get the original code. Finally, run the code and read the output.

Deciphered source:

```
#include <stdio.h>
#include <string.h>
void s(char *a, char *b) {char tmp; tmp = *b; *b = *a; *a = tmp;}
int jello() {char *sol = strdup(__func__), *it, *c = strdup(sol), f = 0;
  for (it = sol; *it; *(it++)-=32); c[0] -= 2; sol[0] -= 7; s(sol+4, sol+2);
  for (--it; *it=='L'; *(it--) = (f?'I':'!'),++f); printf("%s %s\n", c, sol);}
int main(){jello();}
```

Daily Challenge #4 – "QR-inth (small)"



Note: this task can be solved without using computer, QR reader advisable.



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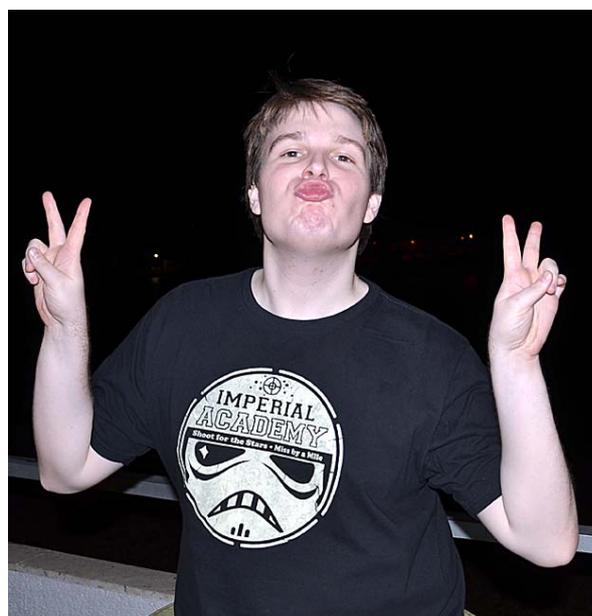
Today's Schedule

CONTESTANTS		LEADERS
WEDNESDAY, OCTOBER 16, 2013		
07:00-08:00	Breakfast	
08:00-17:00	Excursion – N.P. Krka	
18:00-19:00		GA meeting
19:00-20:00	Dinner	
20:00-21:00		Dinner
21:00-22:00		GA meeting – Task translation
THURSDAY, OCTOBER 17, 2013		

Basic English		Croatian Dictionary	
Paper	Papir	Printer	Printer
Camera	Kamera	Film	Film
Cloud	Oblak	Help!	Upomoć!

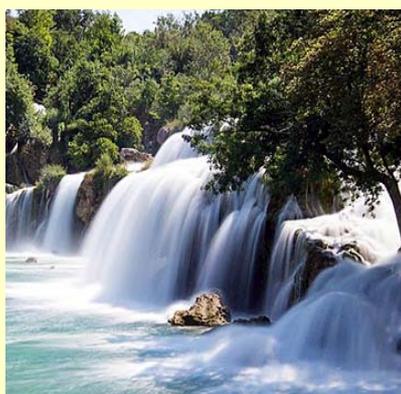
Hi **19°**
 RealFeel® 19°
 Precipitation 60%

Evaluation Committee gone wild



CARNet (Croatian academic and research network) issued a warning that whole Split area and Dalmatia lost internet connection around noon :). Later, power went out in whole town of Primošten.

About Krka National Park



Krka National Park is one of the Croatian national parks, named after the river Krka that it encloses. It was formed to protect the Krka River and is intended primarily for scientific, cultural, educational, recreational, and tourism activities. It is the seventh national park in Croatia and was proclaimed a national park in 1985.

Flora: eight hundred and sixty species and subspecies of plants have been identified within the territory of the Krka National Park, including several endemic Illyrian-Adriatic species. Fauna: eighteen species of fish inhabit the Krka River, among which ten are endemic. Among mammals, there are 18 species of bats, which are generally endangered or near extinction in the rest of Europe, Long-fingered Bat, the Daubenton's Bat, and the threatened European Otter.