

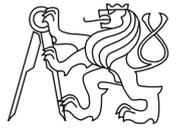


Czech ACM Student Chapter

Charles University in Prague
Slovak University of Technology
University of Žilina
Matej Bel University in Banská Bystrica

Czech Technical University in Prague

Technical University of Ostrava
Pavol Jozef Šafárik University in Košice
Masaryk University
University of West Bohemia



CTU Open Contest 2019

The CTU Open 2019 theme revolves around beer, beer brewing, beer storage, beer transport and beer consumption. It is a vast topic and indeed a monumental branch on the entire tree of life which cannot be explored in just a few problems in one contest, no matter how complex those problems may seem to be. We can only hope that the contest problems will be neither too easy nor too difficult for you, as we did use neither too little nor too much beer in their preparation, and we politely ask you to do the same when you finish the contest and celebrate your achievements and maybe even a great victory.

Your programs can be written in C, C++, Java or Python programming languages. The choice is yours but you will be fully responsible for the correctness and efficiency of your solutions. All we need is the correct answer produced by your code in some appropriate time.

All programs will read text from the standard input only. The results must be written to the standard output. You are not allowed to use any other files, communicate over network, or create processes. Input and output formats are described in problem statements and must be strictly followed. Values given on one line are separated by one space, if not specified otherwise. Do not print anything more than required. Each printed text line (including the last one) should be terminated by a newline character (“\n”), which is not considered to be a part of that line.

Good luck, thank you for coming to our contest, and see you again in 2020!

