Czech ACM Student Chapter
CTU in Prague, Dept. of Computer Science and Engineering
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CTU Open Contest 2003

Advanced Cargo Movement, Ltd.

Dear contestants:

We have prepared a set of real-life problems for you. This time, we are working for a goods transportation company called *Advanced Cargo Movement, Ltd.* (ACM). When delivering cargo, the company drivers and other employees have to cope with many problems. Some of them can be solved with the help of computers. You are to write several programs to help ACM with their work.

All of the programs will run in UNIX environment. Every program should read data from the standard input and send results to the standard output. The data format is given and must be exactly followed. There will be no extra spaces in the input and there should be no extra spaces and newlines in the output, if not stated otherwise. The end-of-line character is not considered a part of the line.

We wish you a lot of fun and good luck with solving these problems.

Your organizing team

This problem set consists of ten sheets of paper (including this one) and it contains nine problems. Please check whether you have a complete set.