



## CTU Open Contest 2009

### Anti-Corruption Movement

Nowadays, many people are concerned about the high level of corruption in many different areas. Not only is this level very high, but it is also supposed to be permanently increasing. Many officers, policemen, politicians, and others accept various forms of bribes for “helping out”. This is generally considered to be a very sensitive and dangerous matter.

Recently, a new *Anti-Corruption Movement* (ACM) has been established to fight the corruption in a country. Your task is to create computer software that will help this movement to be more efficient and flexible. You may use C, C++, Pascal, or Java programming languages. The choice is yours but you will be fully responsible for the speed of your solution.

All of your programs will read one single file from the standard input. The results will be written to the standard output. You are not allowed to use any other files. Input and output formats are described in problem statements and must be exactly obeyed. If not specified otherwise, all input numbers and results will fit into a signed 32-bit integer type. Each text line should be terminated by a newline character, which is not considered to be a part of that line.

As mentioned before, we need the correct answer produced in some appropriate time. Nothing else matters. You may choose any algorithm, any programming style.

Good luck in the Czech Technical University Open Contest 2009. We hope you will enjoy it!

Your organizing team

... a nyní si prosvištíme základní slovíčka:

corruption	korupce	korupcia
mafia	mafie	mafia
bribe	úplatek, podplatit	úplatok, podplácat'
stock	akcie	akcie



*This problem set consists of ten sheets of paper (including this one) and contains nine problems. Please make sure that you have the complete set.*