

Solutions

KRATICA

We first output the first letter of the first word in the sentence. For each other word we check if it is in the given special set of words and print its first character if the word isn't in that set.

ISPIT

Since N will be less than 1000, we can implement the straightforward $O(N^2)$ algorithm: for each student A we calculate the number of different students we'd meet if we started off with student A . We know we're done once we end up at a student whom we've already met, since we've then run into a loop.

KEMIJA

X_1 , X_2 and X_3 are guaranteed to be between 1 and 10 inclusive, so it is more than enough to check the balance of the equation for each possible combination of the three variables.

OVCE

We use a flood-fill algorithm (implemented with either BFS or DFS) to enumerate wolves and sheep sharing a region. If the number of wolves in a region is greater than or equal to the number of sheep, the wolves own that region and get added to the total.