

Guess The Setters

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Problem solving is fun. We always try to use our algorithmic knowledge to solve some problems. Sometimes we use our intuition to solve a problem. We don't know the proof and we don't know whether the solution idea will really work for all kinds of cases. And sometimes, when we see that limit is low, brute force is possible to solve the problem. Most of the time it is ok, and actually it is always OK! So try brute force for this problem. :P

This problem is nothing but an old riddle about guessing the problem setters. Most of the people think that why the hell one should guess the names of the problem setters!! It's fun actually, but not for some nerdy people I guess. By the way, in this problem you will again try to guess the problem setters. But we will give you some options to answer. You need to guess. The answer sequence is somehow related to the number 11111011110. Easy, huh? Let's try.

ID	Problem Code	Problem Name	Options
0	BADXOR	BAD XOR	1. Mir Wasi Ahmed 2. Aninda Majumdar 3. Nafis Sadique
1	MAXRAD	Maximum Radius	1. Momontho Mashak Monmoy 2. Syed Shahriar Manjur 3. Ahmad Faiyaz
2	BUYINT	Buying Integers	1. Momontho Mashak Monmoy 2. Syed Shahriar Manjur 3. Ahmad Faiyaz
3	TREEPAL	Tree and Palindrome	1. Nafis Ahmed 2. Aninda Majumder 3. Syed Shahriar Manjur
4	SPACEBRG	Space Bridges	1. Nafis Sadique 2. Aninda Majumder 3. Momontho Mashak Monmoy
5	XYI	XYI	1. Ahmad Faiyaz 2. Mir Wasi Ahmed 3. Nafis Ahmed
6	MNIU	My Name is UMM!	1. Nafis Sadique 2. Mir Wasi Ahmed 3. Nafis Ahmed

Input

There is no input for this problem

Output

You should output the answer sequence with these digits only '0', '1', '2'. And you should give output a string with exactly 7 digits. Example: 1110211. The Most significant digit (the leftmost one) of the output string will correspond to the problem **BADXOR** and the least significant digit (the right most one) will correspond to the problem **MNIU**