

13-th Bulgarian National Olympiad in Informatics

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Problem 5. Strings.

A string may contain only 3 type of characters: A, B and C. Write a program, that finds a string containing N characters ($3 \leq N \leq 97$), so that the string does not contain any two identical adjacent substrings.

Input data: File INPUT5 . TXT containing one integer N .

Output: File OUTPUT5 . TXT must contain only one row with the output string.

An Example:

INPUT5 . TXT	OUTPUT5 . TXT
7	ABACBAB

Source: Matematika i informatika, journal published by Bulgarian Ministry of Education, n. 3-4, 1997, pp. 82-87.

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