Problem A. League of legends

Input file:	standard input
Output file:	standard output
Time limit:	1 second
Memory limit:	256 megabytes

Amal loves league of legends so much. One day she was watching the final of lol word finals between FNC and SKT1, she was writing the player's positions on a piece of paper. To simplify the situation she depicted it as a string consisting of zeros and ones. A zero correspond to players of FNC; a one correspond to a player of SKT1 team. If there are at least 5 players of some team standing one after another then situation is dangerous. For example, in the situation 001001101111101 is dangerous and the two teams might fight, but 11110111011101 is not. You are given the current situation. Determine whether it is dangerous or not.

Input

The first line contains T, the number of test cases. Each next line contains a non-empty string consisting of characters "0"and "1 which represents players. The length of the string does not exceed 100 characters. There's at least one player from each team present on the field.

Output

For every test case, print "YES"if the situation is dangerous. Otherwise, print "NO".

Example

standard input	standard output
6	NO
10100001100	YES
1100000010110	YES
111100001110000111100000	YES
111000011110000011111111	NO
1	NO
0	