# Attention Soldier!

In an effort to foster peace, leaders of the four nations have decided to renounce warfare. From now on, any international dispute will be resolved by solving algorithmic challenges. Whichever nation's representative solves the challenge in the most optimal way, gets to decide the outcome of the dispute.

Having heard of your unique algorithmic expertise, we are ordering you to solve the first challenge on the nation's behalf! Here's the question prompt. Good luck soldier!

## Problem
You have been given a string **S**.
Write a function - **int getMinimumPartitions (string S)**
that returns the minimum number of partitions needed to be made on **S** such that all partitioned substrings of **S** are palindromic.

## Examples
1. **S** = "aab", return value is 1 since the partitions ["aa","b"] can be produced using 1 cut.
2. **S** = "cdedc", return value is 0 since "cdedc" is palindromic itself so no cuts are required.
3. **S** = "abcde", return value is 4 since the partitions ["a","b","c","d","e"] are produced using 4 cuts.