Quiz #1

Name: _____ Honor Code: _____

These questions happen to use the same language. On this quiz, I've given you the sample strings I will use as my rubric in the form of a hint. On an exam, some or all of these strings might not be revealed.

To help with understanding this language, you might make sure that your answer satisfies these strings: aab, ba, baab, aba, bbbbba, aaaaaab, aaba, baab,

Your answer should **not** recognize the following strings: a, b, ab, abb, bbb

1. Give a DFA that accepts all strings of {a,b} that contain either aab or ba or both as substrings.

2. Give an RE for the language of all strings of {a,b} that contain either aab or ba or both as substrings.