

Given: Wed, Oct 4

Due: Fri, Oct 20, 9:00 a.m.

1. Give a regular expression for each of the following languages. In each case, the alphabet is $\{0, 1\}$.
 - (a) The language of strings that begin with 00 and end in 11 .
 - (b) The language of strings of length at least three that have a 1 three positions from the end.
 - (c) The language of strings of even length that start with a 0 .