COMP170: Recitation 5

Problem 1

Let $C_n = \{x \mid x \text{ is a binary number that is a multiple of } n\}$

Show that C_n is regular for any n.

for 4

We can do the same thing for any n...

Problem 2

The following language is the intersection of two simpler languages. Construct FSAs for the simpler languages and then use these FSAs to construct an FSA for their intersection.

$L = \{w \mid w \text{ has an odd number of 0's and at least two 1's }\}$