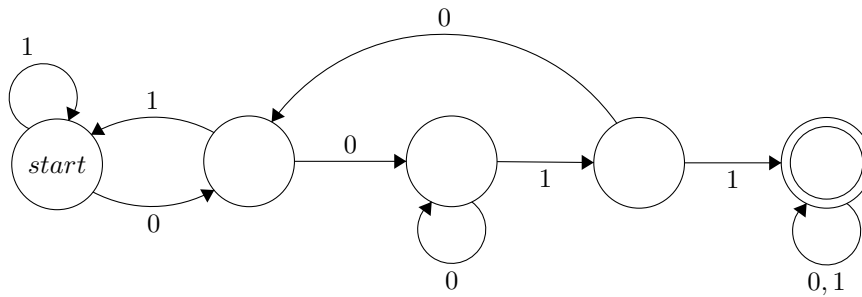


CSC236 tutorial
week #11, Winter 2015

1. Draw a DFA that accepts the language of binary strings (i.e strings over the alphabet $\{0, 1\}$) that have at least one 0 and at least one 1.
2. Draw a DFA that accepts the language of ternary strings (i.e strings over the alphabet $\{0, 1, 2\}$) that have at least one 0, at least one 1, and at least one 2.
3. Describe in one sentence, as simply as you can, the set of strings accepted by the following DFA.



You may want to write down some examples of strings that are in the language, and some examples of strings that are not.