1. Draw a state diagram for nondeterministic finite automata that accepts the following languages

There can be multiple answers, below is one example answer.

*Graphical user interface, background pattern

Description automatically generated*

Background pattern

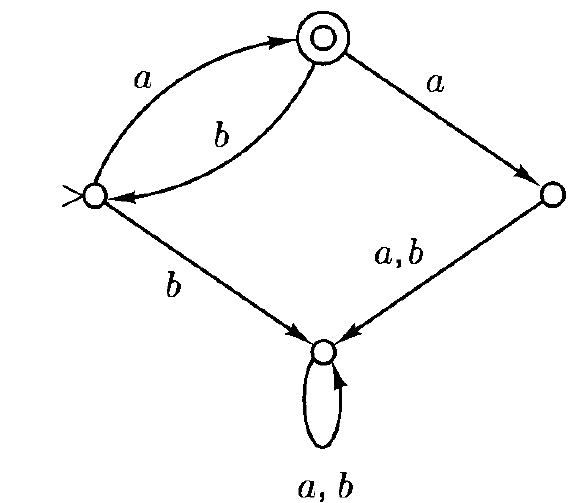
Description automatically generated

1. Give the regular expression for the language accepted by the following finite automaton:

There can be multiple answers, below is one example answer.

A screenshot of a cell phone

Description automatically generated



1. Write the regular expression for the following sets
   1. All strings over that are odd in length
   2. All strings over that end with