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

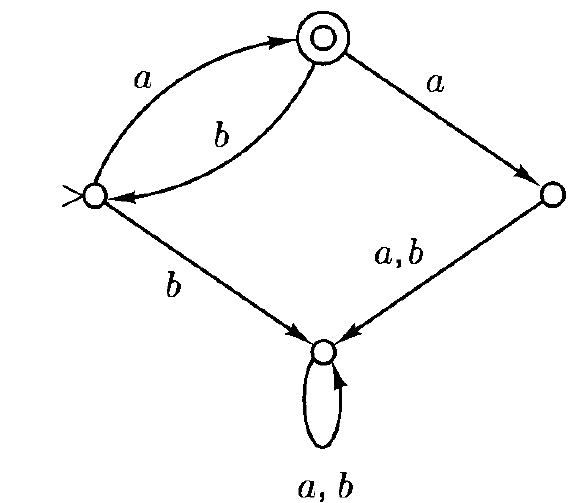
There can be multiple answers, below is one example answer.

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