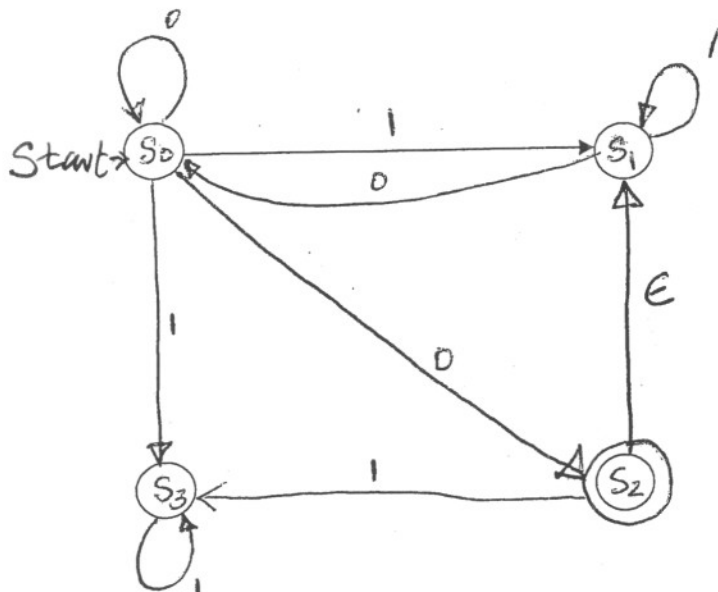3. Convert the NFA shown below to a DFA.

8. For the DFA shown below
   a. Find two distinguishable states and the string (must be non-empty) that distinguishes between them

   b. Find two equivalent states (indistinguishable)