Problem   Draw a finite state machine that accepts binary strings which have even number of zeroes or even number of 1s (or both).

Solution Given below is a machine that accepts strings with an even number of 0s or even number of 1s.
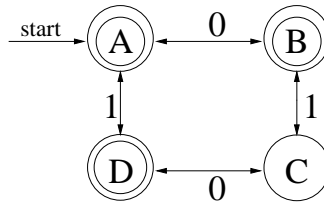

Figure 1: Machine that accepts strings with an even number of 0s or even number of 1s