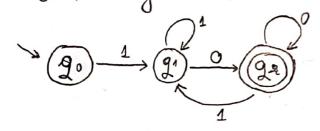
Laborator 2

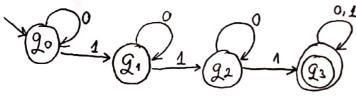
Tema realizata de:

- Cordun Diana Alexandra
- Postolache Amdreea Miruna
- Sandu Raluca Joana

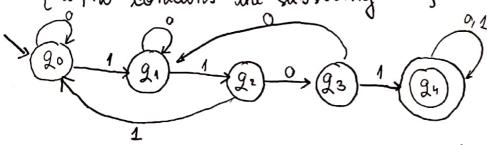
Ex. 2. (Create configuration files for DFAs from ex. 1.6 Sipser)
First, we draw the DFAs recognizing the following languages:
a) [w] w begins with a 1 and ends with a 0}



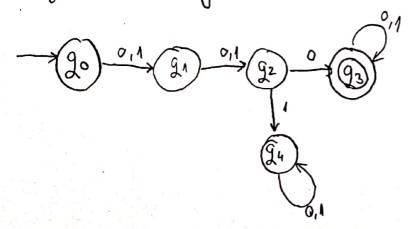
b) {w|w contains at bast 3 1s}



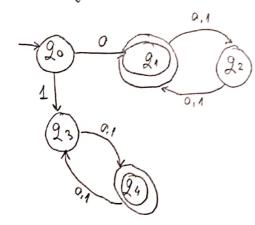
c) { ru/ ru contains the substring 0101}



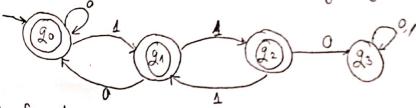
d) {w | w has length at least 3, and its 3rd symbol is, a 0}



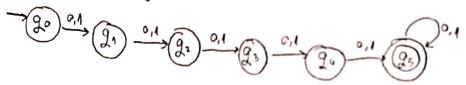
e) fw w storts with a and has odd length or starts with I and has even length?



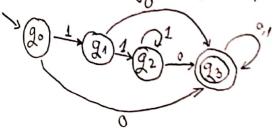
f) {w | w doesn't contain the substring 110}



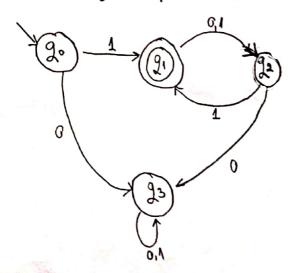
g) {w | the length of w is at most 5}



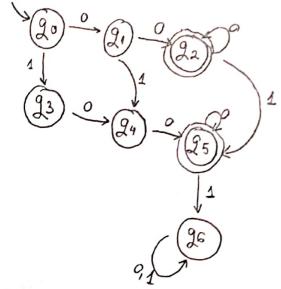
A) hwlw is any string except 11 and 111}

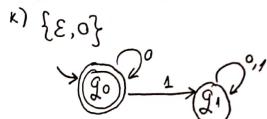


i) for levery odd position of our is a 1}

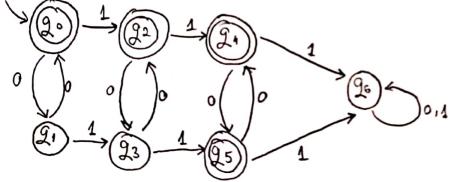


(i) { w | w contains at least two os and at most one 1}





e) from we contains an even number of os, or contains exactly two 1sz



m) The empty set

n) Any string except the empty string

