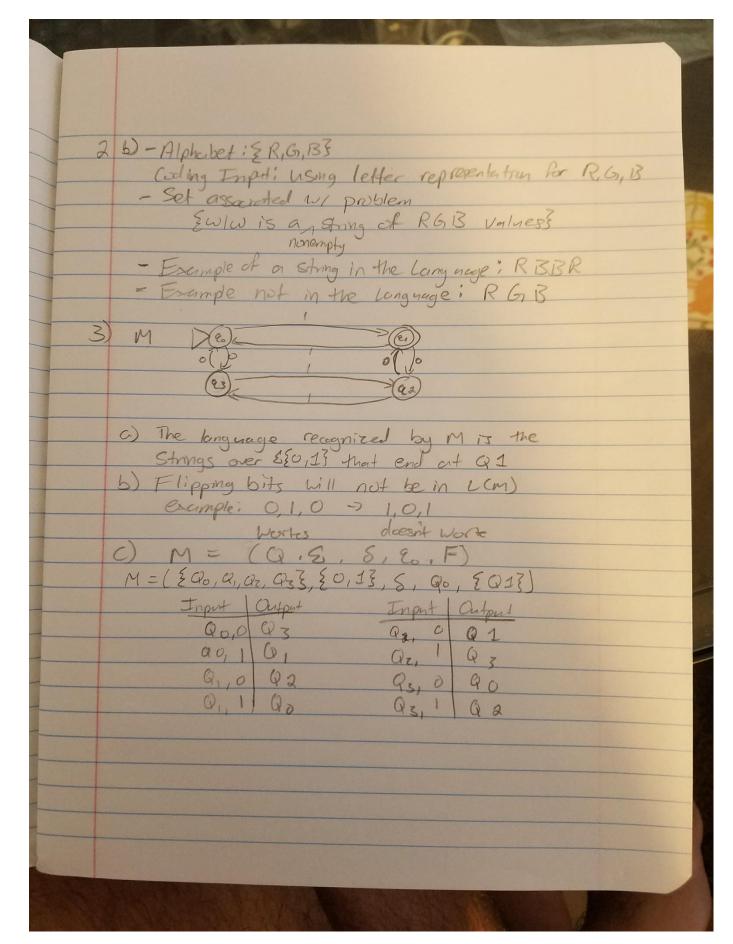
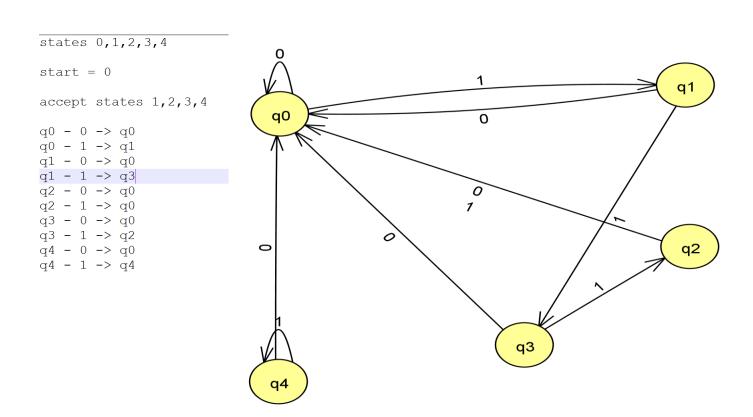
CSE 105 HW I Due 4/10/17 1) & 21effes & 9,63 a) { v & {a,b}^1 } y (w=yy)} "The set of all strings win {a,5} such that there easts some we where way and y is a vericite" i) The empty String is not in the set because the first letter needs to mutch the second letter 11) The set contains two of the same letters back to back in one String is a 65 iii) one example that wont fit in the set is aba b) {wlue {a,b}*} = {wlue {a,b}*} - all in {a,b} * all in {a,b}* i) the empty String is contained because EOE = E
ii) one length 3 string in the set is and 111) all strings over 8{aib} is contained in there is no string not in this set C) { w | w ∈ { 9,633 U { w | w ∈ { 80,63*3 = { w | w ∈ { 80,6}}*}} i) empty Set is contained in ii) one length 3 strong 13 aba iii) all strings are contained :- no string is not in the set Da) - Alphabet: {5,10,25} Coding impati using cent value of coms - Set associated is problem: Ewlw is a nonempty Strong that sums to 25 centror move? - Example of String in the language: 5,10,10



Problem 4 A

Problem 4 B



Problem 5: I did this assignment on my own. I completed the survey.

