

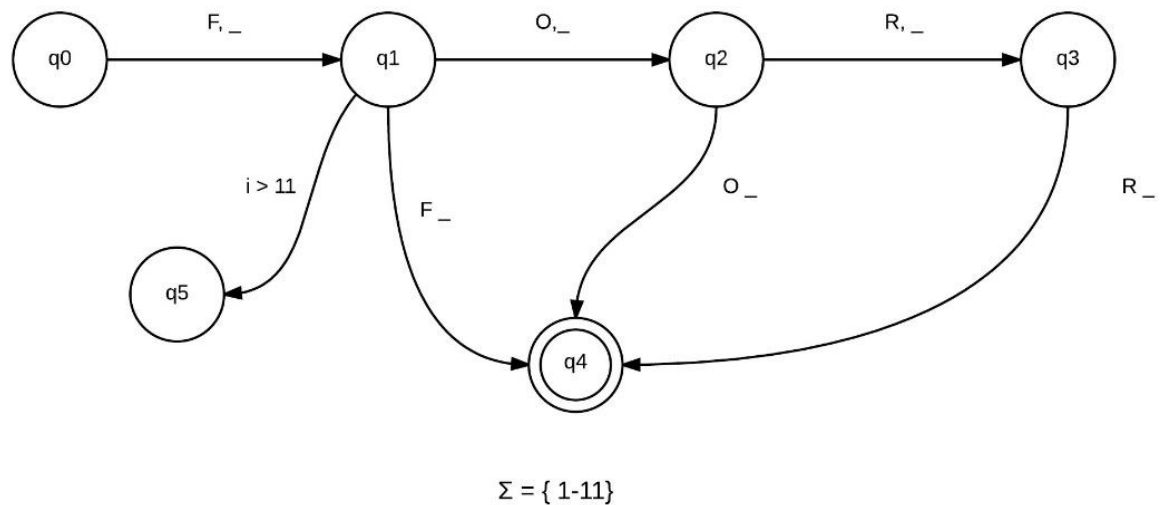
Zain Qayyum

Professor Rivas

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DFA Diagram:



Essay 1:

During this flowcharting exercise for this DFA, I encountered some problems. At first I had no idea what I was doing so I went to the professor's office hours and he helped me out a lot, I felt as though I fully understood it at the time in his office. But then when it came time to actually do the DFA I kind of forgot some stuff and I'm not sure if I did it right, guess we'll find out soon. I hope to learn a lot from the professor's feedback and practice on my own by doing

example problems involving DFAs. Overall I learned that you learn best by doing things on your own, getting feedback, and improving.

Essay 2:

If I were to implement this in java, I think it would be relatively straightforward. For this particular scenario, I would just check to see if i is greater than 11; if so, the string is not valid. If it is less than 11, then I would accept that and output the value to the console.