Lab Two

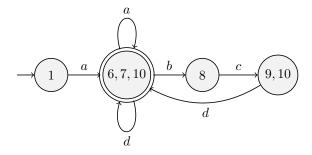
$\begin{tabular}{ll} Timothy Polizzi\\ Timothy.Polizzi1@Marist.edu \end{tabular}$

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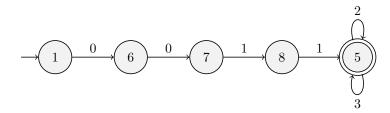
1 Lab 2

1.1 Crafting a Compiler

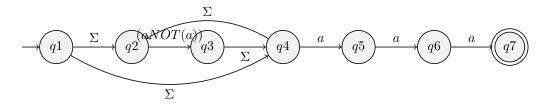
- 1. 3.3
 - (a) (ab*a) | (ba*b)
 - (b) a+(d(c|bc))*
 - (c) |ab*c
- $2.\ 3.4$ Regex and DFAs
 - (a) (al(bc)*d)+



(b) ((0|1)*(2|3)+)|0011



(c) (a NOT(a))*aaa



1.2 Dragon

1. 3.3.4

To write the regex for a keyword in a case insensitive language, you need to include both the lower and uppercase characters for any character used in a keyword. As an example, I have written how Select would look in a case insensitive language: [sS][eE][lL][eE][cC][tT].