

## Lab 2 – Lexer

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### 1 Crafting A Compiler

#### 1.1 3.3 Regular Expressions

$(ab^*a) \mid (ba^*b)$

$(a)(bcda \mid cda)^*$

$(\epsilon) \mid (ab^*c)$

#### 1.2 Exercise 3.1 DFAs

### 2 Dragon

#### 2.1 3.3.4 Case Insensitivity In Regular Expression

$(s\text{---}S)(e\text{---}E)(l\text{---}L)(e\text{---}E)(c\text{---}C)(t\text{---}T)$

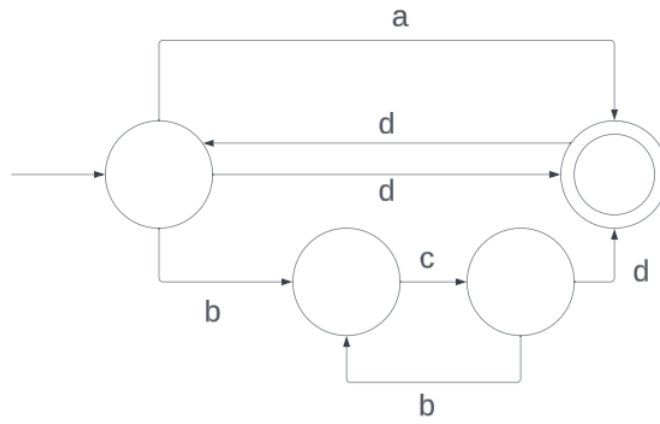


Figure 1: Problem A)

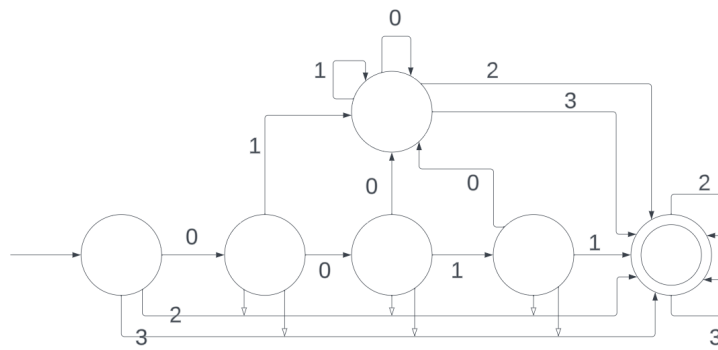


Figure 2: Problem B)