

Melissa Iori  
 CMPT 432 - Compilers  
 Lab 2

## Crafting a Compiler

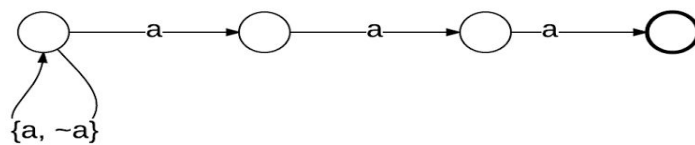
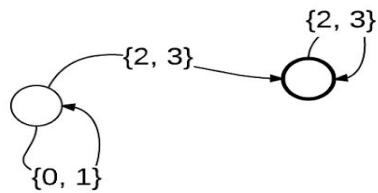
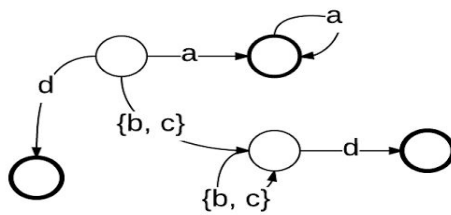
3.3

$(ab^*a)|(ba^*b)$

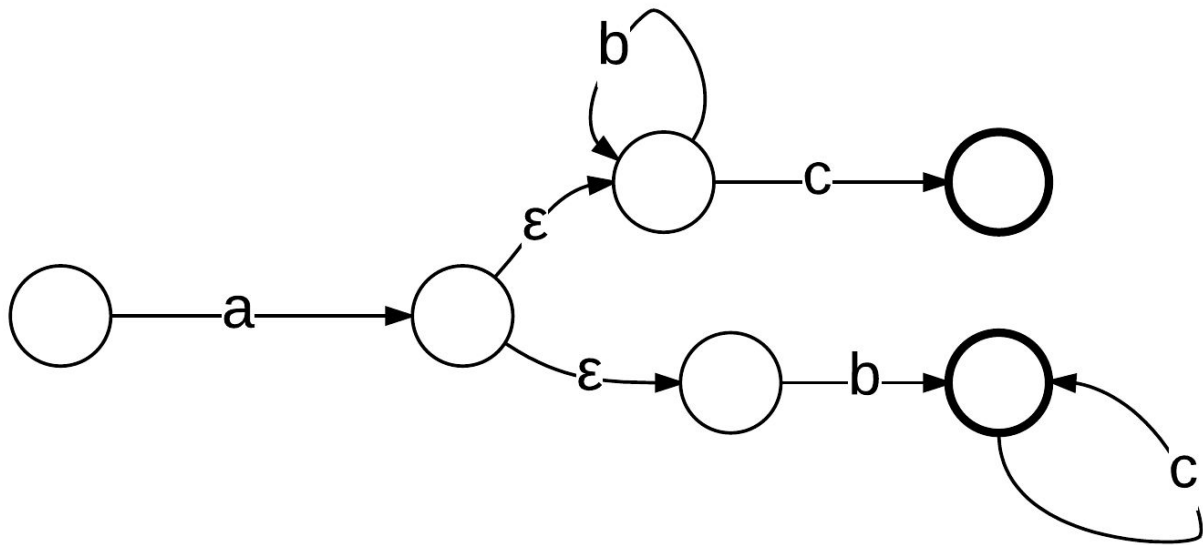
$(a)|(a(bcda)^+(cda)^+)$

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

3.4



3.15



Dragon

3.3.4

For a case-insensitive language, a keyword would be matched similarly to a case-sensitive language, except each letter would be valid in uppercase or lowercase form. As such there would be just two choices at each position, the string always being of fixed order and size. Example:

(s|S)(e|E)(l|L)(e|E)(c|C)(t|T)