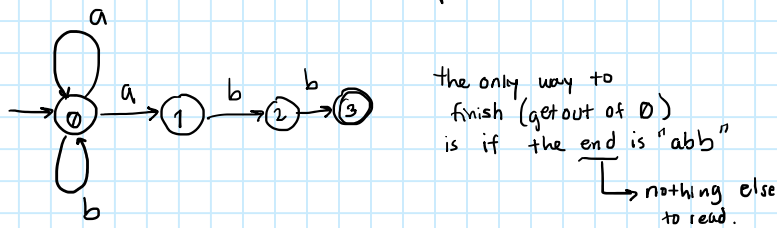
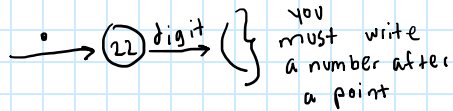
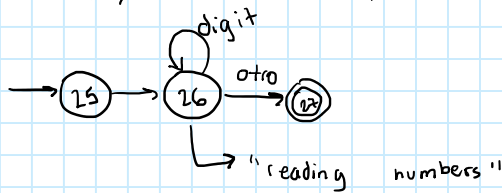


# Week 6

miércoles, 23 de febrero de 2022 11:05 a. m.

## Análisis léxico

- ↳ separar comentarios y líneas en blanco
- ↳ Lento: leer el sp y dividirlo en componentes léxicos



transition tables describe the switch cases

eps transition: enter/spaces/\t

Example:

language  $aa^*bb^*$

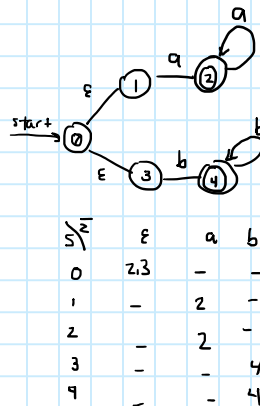
$S = \{0, 1, 2, 3, 4\}$

$\Sigma = \{\epsilon, a, b\}$

$S_0 = \{0\}$

$F = \{2, 4\}$

the final states



$S \backslash \Sigma$	$\epsilon$	a	b
0	2,3	-	-
1	-	2	-
2	-	2	-
3	-	-	4
4	-	-	4

no way out from 3 if a

Examples

aaaaa ✓  
aa ✓  
abb x  
baa x

Make the diagram and if you want the table