TP2

1a) ID → [a-z] → [a-z 0-9]*

NUM → [0-9] → [0-9]

INT → i → n → t

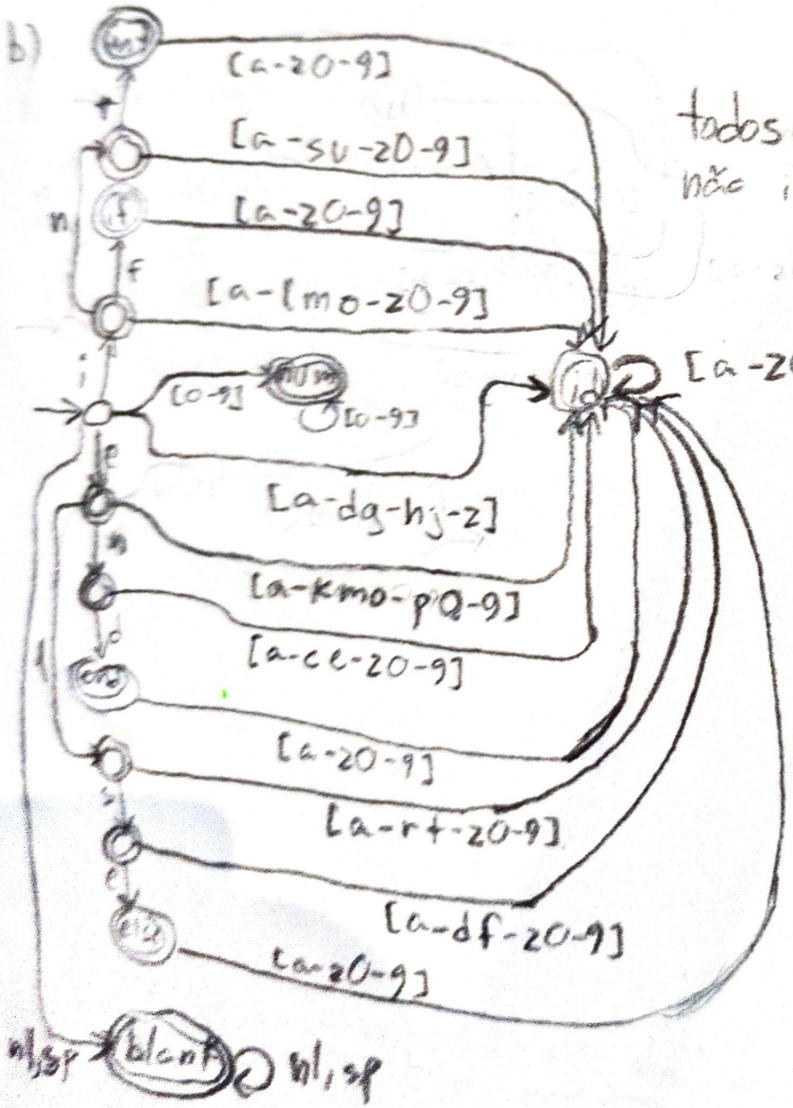
IF → i → f

ELSE → e → l → s → e

END → e → n → d

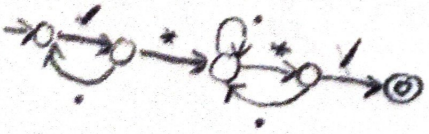
BLANK → sp, nl → sp, nl

b)



todos os estados finais não identificados são IDs

c)

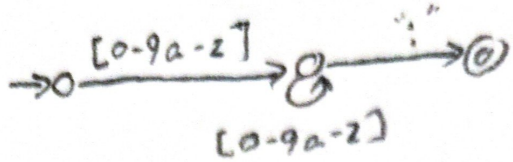


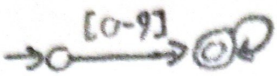
• ≡ Todas as transições não explícitas

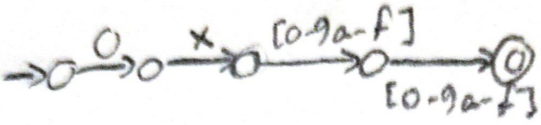
re: \/*.**\/

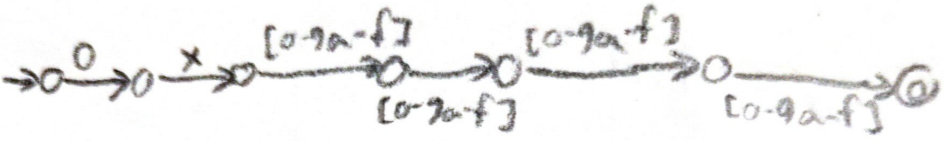
2

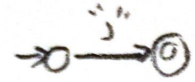
a) ID: 

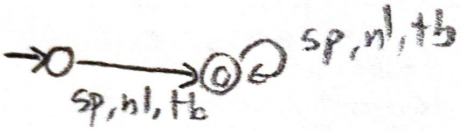
LABEL: 

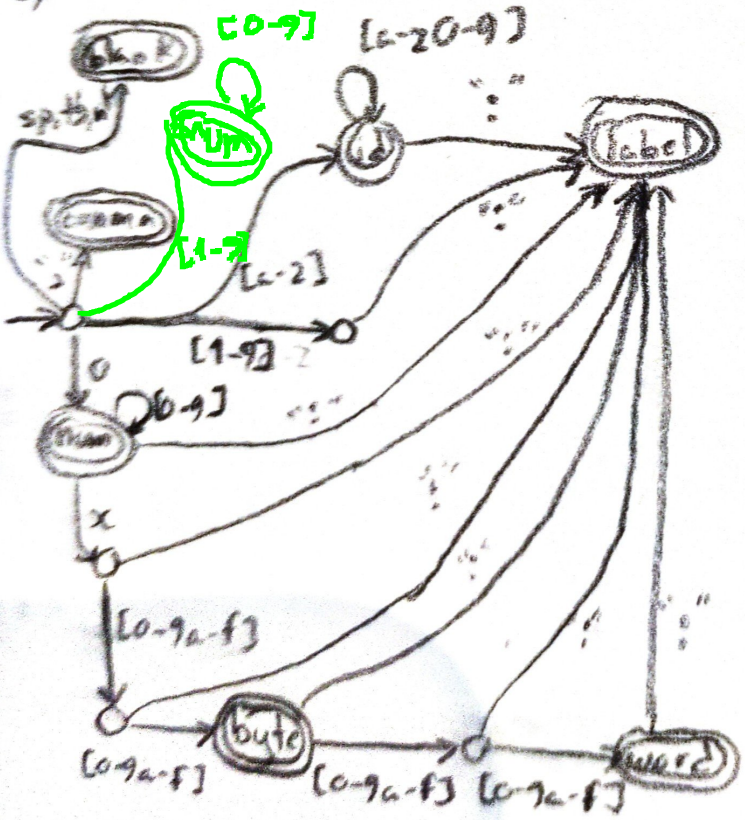
NUM: 

BYTE: 

WORD: 

COMMA: 

SPC: 

b) 

loop: cmp 051: 0xcd 10 xba In: ab 0x123 ret

LABEL SPC ID SPC COMMA WORD ID SPC SPC ID SPC BYTE SPC ID

LABEL SPC UNKNOWN

3

a) ff: → f → f ◎ ff

fi: → f → i ◎ fi

fl: → f → l ◎ fl

ffi: → f → f → i ◎ ffi

ffl: → f → f → l ◎ ffl

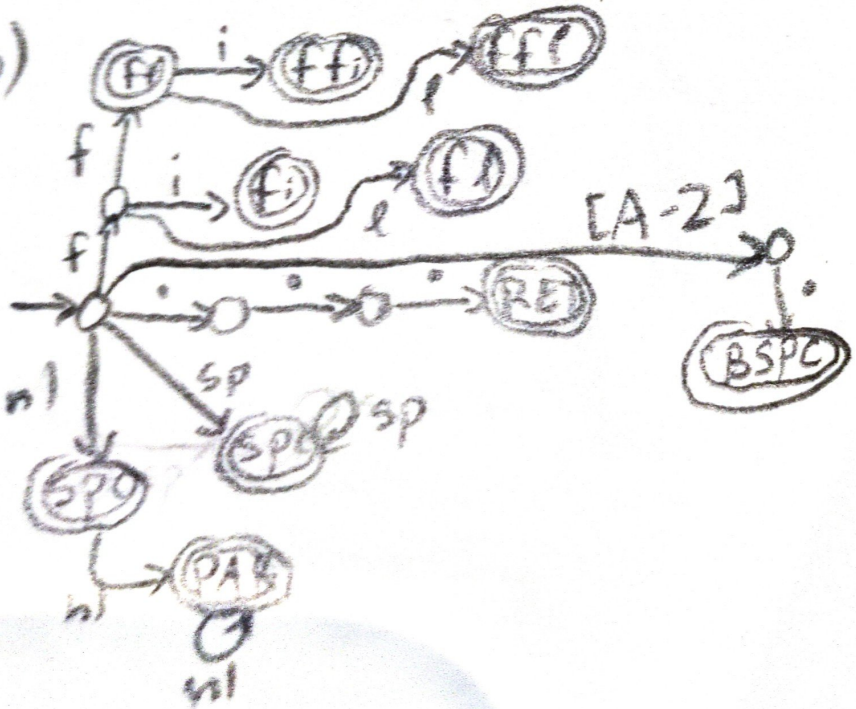
RET: → . → . → . ◎ .b.b.

SPC: → nl, sp ◎ sp [\r\n|\t][ ]*

PAR: → nl → ni ◎ [\r\n\r\n]

BSPC: → . → sp ◎ [". "]

b)



c) $256 \times |Q| = 3584$

Para cada estado, é preciso descrever a ação a tomar para cada caracter