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MSV: 1911183

Câu 1.

key = 'if' + 'then' + 'else'

num = ('0' + '1' + '2' + '3' + '4' + '5') +

ide = [a-z] + ([a-z] + 'c' + 'x' + '8' + '9')

ope = '=' + '>' + '<'

pun = '[' + ']' + ';'

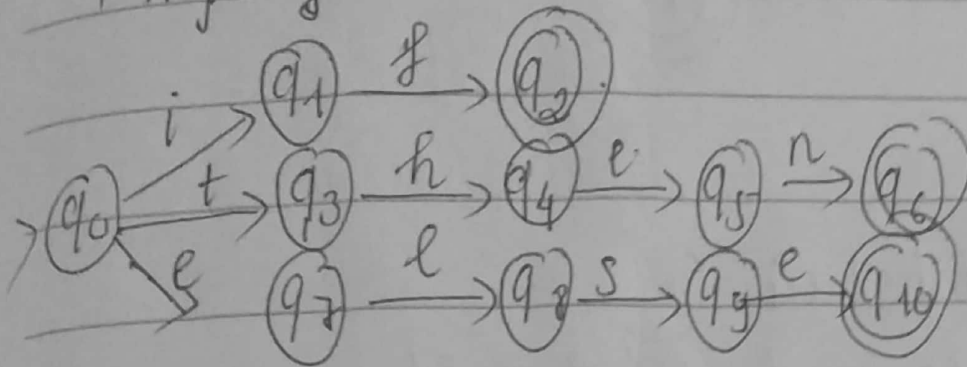
spa = (' ' + '\n' + '{' + '}') +

Câu 2.

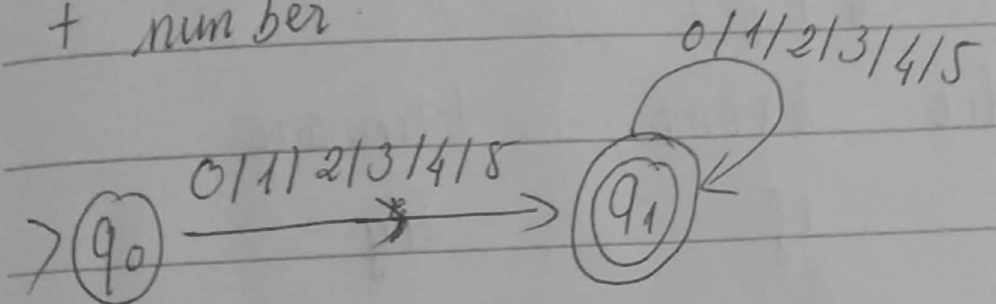
R = key + num + ide + ope + pun + spa.

3) Xây dựng NFA / DFA.

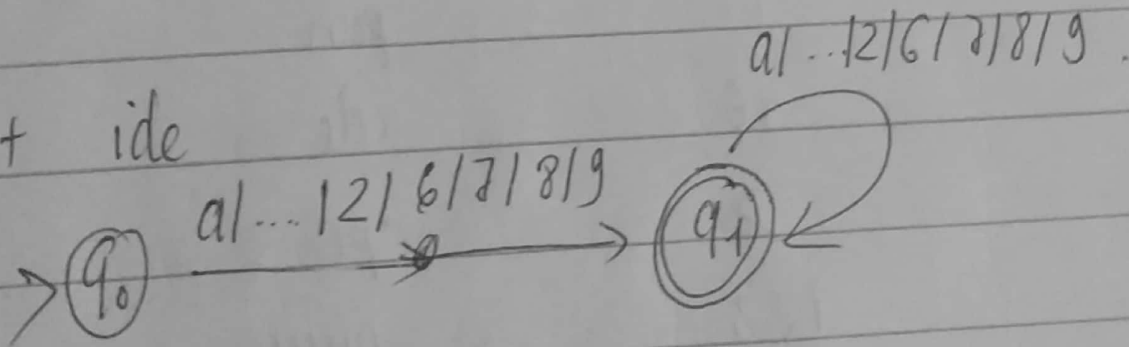
+ key key



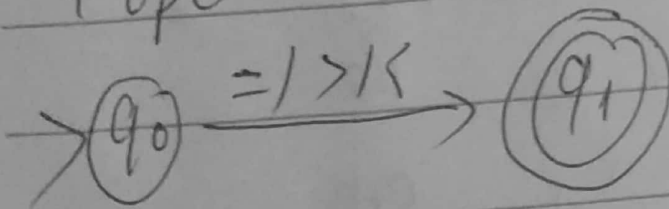
+ number



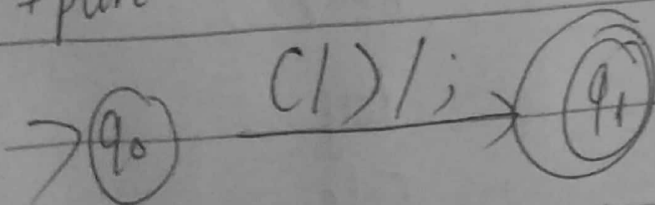
+ ide



+ ope



+ pun





Mo	Tu	We	Th	Fr	Sa	Su
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Memo No. _____

Date / /

11 / 12 / 16

+ Spa.

~~91~~

90

11 / 12 / 16

91

4) Danh biểu : If (a6 > 123) then b9 - 5/10 ,
 Attribute value lexeme else c8 = 3410 ,
 token name

1	If	key
2	(pun
3	a6	ide
4	>	ope
5	123	num
6)	pun
7	' '	Spa
8	then	key
9	' '	pun.
10	b9	ide
11	=	ope
12	5410	num.
13	" \n "	Spa.
14	else	key.
	c1	pun
15		ide.
16	c8	
	=	ope.
17		
18	3412	num.
		pun.
	;	

HHT

Bảng Chuỗi.

lexeme (chuỗi)

tokens đầu ra.

tokens are returned

If

< key, 'If' >

(

< punct, '(' >

ag

< id, 'ag' >

>

< op, '>' >

123

< num, '123' >

)

< punct, ')' >

do to

< space, ' ' >

then

< key, 'then' >

to

< space, ' ' >

bg

< id, 'bg' >

=

< op, '=' >

5410

< num, '5410' >

'\n'

< space, '\n' >

else

< key, 'else' >

to

< space, ' ' >

{ 8

< id, '{ 8' >

=

< op, '=' >

3412

< num, '3412' >

;

< punct, ';' >