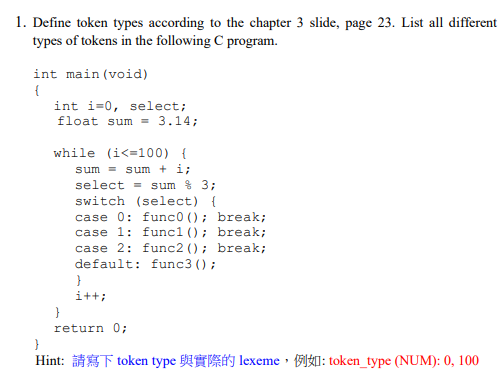
408410056 許庭涵

token\_type (INT) int

token\_type (BLANK) ' ', '\t', '\n'

token\_type (MAIN) main

token\_type ( ( ) (

token\_type (void) void

token\_type ( ) ) )

token\_type ( = ) =

token\_type ( ; ) ;

token\_type (FLOAT) float

token\_type (WHILE) while

token\_type (NUM) 0, 3.14, 100, 3, 1, 2

token\_type (ID) i, select, sum

token\_type (<=) <=

token\_type (+) +

token\_type (%) %

token\_type (SWITCH) swtich

token\_type ( { ) {

token\_type ( } ) }

token\_type (CASE) case

token\_type ( : ) :

token\_type (FUNC0) func0()

token\_type (FUNC1) func1()

token\_type (FUNC2) func2()

token\_type (FUNC3) func3()

token\_type (BREAK) break

token\_type (DEFAULT) default

token\_type (++) ++

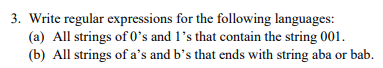
token\_type (RETURN) return

token\_type ( , ) ,



(a) all strings of 0's and 1's and end with string 00

(b) all strings begin with ab and follow by 0 or more b and end by a



(a) (0|1)\*001(0|1)\*

(b) (a|b)\*(aba|bab)