```
1
2
             = "//".*|"\/*" ~ "*\/"
3
    comment
4
                  \r|\n|\r\n
5
    nl
6
7
                  [\t]
   WS
8
9
                  [a-zA-Z][a-zA-Z0-9]*
   idCSyle
10
11
   number
                  [0-9]+
12
13
   numberNonZero = [1-9][0-9]*
14
15
   sign = ("+"|"-")
16
17
   realNumber = ("+"|"-")?([1-9][0-9]*"."[0-9]*) | ("."[0-9]+) | (0"."[0-9]*)
18
19
   unsignedint = 0 | [1-9][0-9]*
20
21
    date
    ((0[1-9])|([1-2][0-9])|(3(0|1)))"/"((0[1-9])|(1(0|1|2)))"/"(2[0-9][0-9])
22
              = (((0|1)[0-9])|(2[0-3]))":"([0-5][0-9])
23
24
25
   timeAmPm = ((0[0-9])|(1[0-2]))":"([0-5][0-9]) ("am"|"pm")?
26
27
             = (2(([0-4][0-9])|(5[0-5])))|(1[0-9][0-9])|([1-9][0-9])|([0-9])
   ip_num
28
29
              = {ip num}"."{ip num}"."{ip num}"."{ip num}
    ip
30
31
   doubleExpNotation = (([0-9]+\.[0-9]*) | ([0-9]*\.[0-9]+)) (e|E('+'|'-')?[0-9]+)?
32
33
              = \" ~ \"
   q string
34
35
    email = ([a-zA-Z0-9 \ \ ])+"@"([a-zA-Z])+"."([a-zA-Z])+
36
37
    file
             = [a-zA-Z][a-zA-Z0-9]*"."[a-zA-Z]{3}
38
```