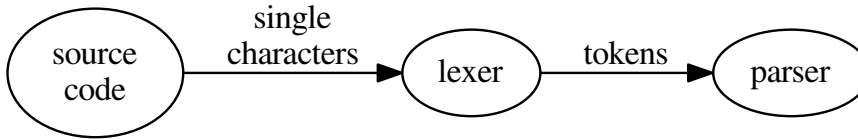


```
$ sudo pip install toml-ply
```

```
$\ sudo apt install python-ply
```



```
0000 <bound method VM.nop of <__main__.VM instance  
      at 0x02280378>> [0, 1, 2, 3, 4, 5, 6, 7]  
0001 <bound method VM.bye of <__main__.VM instance  
      at 0x02280378>> [0, 1, 2, 3, 4, 5, 6, 7]
```

```
ERROR: No token list is defined
ERROR: No rules of the form t_rulename are defined
ERROR: No rules defined for state 'INITIAL'
Traceback (most recent call last):
  File "C:\Python\lib\site-packages\ply\lex.py", line 910, i
    raise SyntaxError("Can't build lexer")
```

```
SyntaxError: lexer: LexToken(error," \n  
nop\n      bye\n\t",1,0)
```

```
R1 = 'R[1] '\n
```

```
SyntaxError: lexer: LexToken(error," R1 = 'R[1] '\n      nop  
bye\n\t",1,9)
```

```
SyntaxError: lexer: LexToken(error," R1 = 'R[1] '\n      nop  
bye\n\t",4,11)
```



```
LexToken(REGISTER,1,4,11)
```

```
#### format: LexToken(type,value,lineno,lexpos)
```

```
SyntaxError: lexer: LexToken(error,"= ...
```

LexToken (REGISTER , 1 , 4 , 11)

LexToken (EQ , ' = ' , 4 , 14)

ERROR: No rules defined for state 'string'

WARNING: No error rule is defined for exclusive state 'string'
WARNING: No ignore rule is defined for exclusive state 'string'

```
LexToken ( REGISTER , 1 , 2 , 9 )  
LexToken ( EQ , ' = ' , 2 , 12 )  
LexToken ( STRING , ' R \ t [ 1 ] ' , 2 , 21 )  
LexToken ( COMMAND , ' nop ' , 3 , 31 )  
LexToken ( COMMAND , ' bye ' , 4 , 43 )  
None  
None  
...
```

```
LexToken ( REGISTER , 1 , 2 , 9 )  
LexToken ( EQ , ' = ' , 2 , 12 )  
LexToken ( STRING , ' R \ t [ 1 ] ' , 2 , 21 )  
LexToken ( COMMAND , ' nop ' , 3 , 31 )  
LexToken ( COMMAND , ' bye ' , 4 , 43 )
```