

# Compiler Design Lab (CS306L)

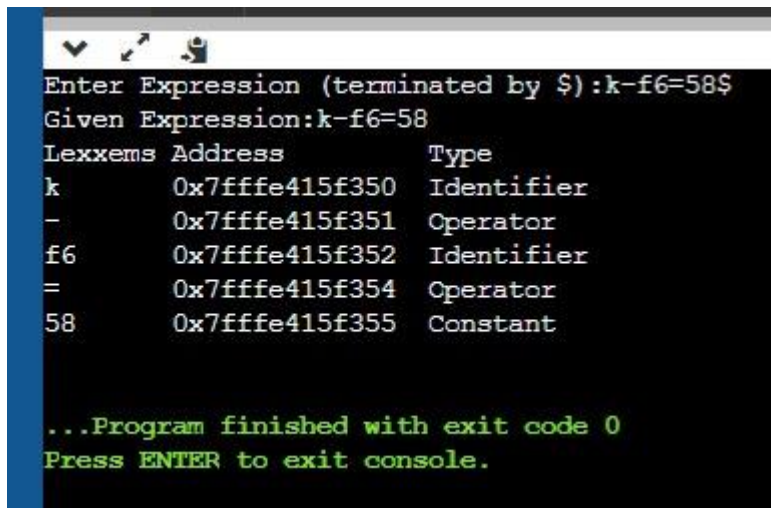
## Week-2

In the given symbol Table program, I took an expression by this I define the tokens in the given one and every token is compared and classified as the following way given in the example below

Ex: I took 'a' is identifier, any digit as constant, = as operator and <= and many as relational operator

I took the expression and declared character array which I defined size of 50 and I took integer data type

Output:-



```
Enter Expression (terminated by $):k-f6=58$
Given Expression:k-f6=58
Lexxems Address      Type
k      0x7fffe415f350 Identifier
-      0x7fffe415f351 Operator
f6     0x7fffe415f352 Identifier
=      0x7fffe415f354 Operator
58     0x7fffe415f355 Constant

...Program finished with exit code 0
Press ENTER to exit console.
```

→Therefore they are divided into address and type of the given ones

B. Srinivasarao

AP20110010014

CSE A