

## Lab Performance (03)

### Test Question:

1. Create a file named "input.txt" with the following lines:

```
int a, b, c1;  
a=10, b= 20;  
c1 = a + b;  
this is a program.
```

Write a flex program to detect the following:

- identifiers/words
- operators
- keywords
- count the number of semicolon and full-stop.
- count the identifiers/words and line numbers. After executing the program the output will be like the following:

#### Portion of our output

```
int - keyword  
a - identifier/word  
, - operator  
b - identifier/word  
, - operator  
c1 - identifier/word  
...  
...  
this - identifier/word  
number of identifier/word - 12  
line number - 4  
...
```

**Note:** Please upload .l and .txt file only