No of tokens:

%{

int n = 0 ;

%}

%%

"while"|"if"|"else"|"int"|"float" {n++;printf("\t keywords : %s", yytext);}

[a-zA-Z\_][a-zA-Z0-9\_]\* {n++;printf("\t identifier : %s", yytext);}

"<="|"=="|"="|"++"|"-"|"\*"|"+" {n++;printf("\t operator : %s", yytext);}

[(){}|, ;] {n++;printf("\t separator : %s", yytext);}

[0-9]\*"."[0-9]+ {n++;printf("\t float : %s", yytext);}

[0-9]+ {n++;printf("\t integer : %s", yytext);}

. ;

%%

int yywrap(){

return 1;

}

int main()

{

yylex();

printf("\n total no. of token = %d\n", n);

}

Output:

