%{

int positive\_no = 0, negative\_no = 0;

%}

%%

^[-][0-9]+ {negative\_no++;printf("negative number = %s\n",yytext);}

[0-9]+ {positive\_no++;printf("positive number = %s\n",yytext);}

%%

int yywrap(){}

int main()

{

yylex();

printf ("number of positive numbers = %d","number of negative numbers = %d\n",positive\_no, negative\_no);

return 0;

}

