letter [a-zA-Z]

digit[0-9]

%%

{digit}+("E"("+"|"-")?{digit}+)? printf("\n%s\tis integer ",yytext);

{digit}+"."{digit}+("E"("+"|"-")?{digit}+)? printf("\n%s\t is floating point no ",yytext);

"if"|"else"|"int"|"char"|"scanf"|"printf"|"switch"|"return"|"struct"|"do"|"while"|"void"|"for"|"float" printf("\n%s\t is keywords",yytext);

"\a"|"\\n"|"\\b"|"\t"|"\\t"|"\b"|"\\a" printf("\n%s\tis Escape character",yytext);

{letter}({letter}|{digit})\* printf("\n%s\tis identifier",yytext);

"&&"|"<"|">"|"<="|">="|"="|"+"|"-"|"?"|"\*"|"/"|"%"|"&"|"||" printf("\n%s\t logical operator ",yytext);

"{"|"}"|"["|"]"|"("|")"|"#"|"'"|"."|"\""|"\\"|";"|"," printf("\n%s\t is a special character",yytext);

%%

int main(int argc,char \*argv[])

{

yyin=fopen(argv[1],"r");

yylex();

fclose(yyin);

return 0;

}

