%{

%}

%%

int|char|float|double|void|if|while|for|do|main|return|else|elseif { printf("Keyword: %s\n", yytext); }

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

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

[(|)|<|>|+|=|++|==|-|/|%|\*]+ {printf("mathematical operator:%s\n",yytext);}

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

["a-zA-Z"]+ {printf("string:%s",yytext);}

%%

int yywrap()

{}

int main()

{

yylex();

}

