

CODE:

```
%{
/*
 * This sample demonstrates number or id:
 * a verb/not a verb.
 */

%}
digit [0-9]+ 1
letter [a-zA-Z]+
accessspecifier (public | private | protected)
%%

[\\t]+ /* ignore whitespace */;

{accessspecifier} {printf("%s: is a accessspecifier \\n", yytext);}

{digit}+ { printf("%s: is a number \\n", yytext);}

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

.\\n { ECHO; /* normal default anyway */}
%%

int main() {
printf("Enter the string:")
yylex();
yywrap();
}

int yywrap(void) {
return 1;
}
```

OUTPUT: