

```
%{
```

```
#include <stdio.h>
```

```
%}
```

```
%option noyywrap
```

```
LETTER [A-Za-z]
```

```
DIGIT [0-9]
```

```
%%
```

```
{LETTER}{LETTER}{DIGIT}* { printf("%s is an identifier\n", yytext); }
```

```
{DIGIT}+ { printf("%s is not an identifier\n", yytext); }
```

```
. { printf("%s is not an identifier\n", yytext); }
```

```
%%
```

```
int main()
```

```
{
```

```
    printf("Enter the input string: ");
```

```
    yylex();
```

```
    return 0;
```

```
}
```