identifier.l

identifier.y

```
#include <stdio.h>
#include <stdlib.h>
int yylex(void);
void yyerror(const char *s);
int error_handled = 0;
%}
%token IDENTIFIER INVALID
કુ
જ
input:
                  { printf("Valid variable name.\n"); }
    IDENTIFIER
  | INVALID
                  { printf("Invalid variable name.\n"); error_handled = 1; }
용용
void yyerror(const char *s) {
   if (!error handled)
        printf("Syntax Error: %s\n", s);
int main() {
   printf("Enter a variable name: ");
    yyparse();
    return 0;
```

OUTPUT

```
[cdlab88@localhost valid_variable]$ vi identifier.y
[cdlab88@localhost valid variable] $ lex identifier.1
[cdlab88@localhost valid variable]$ yacc -d identifier.y
[cdlab88@localhost valid variable] $ gcc lex.yy.c y.tab.c -o identifier
[cdlab88@localhost valid variable]$ ./identifier
Enter a variable name: hello123
Valid variable name.
^C
[cdlab88@localhost valid variable]$ ./identifier
Enter a variable name: 123hello
Invalid variable name.
^C
[cdlab88@localhost valid variable]$ ./identifier
Enter a variable name: hello123
Valid variable name.
123hello
Syntax Error: syntax error
[cdlab88@localhost valid variable]$ ./identifier
Enter a variable name: 123hello
Invalid variable name.
[cdlab88@localhost valid_variable]$ ./identifier
Enter a variable name: @var
Invalid variable name.
```