**23. Validate Mobile Number**

**Aim:**To create a LEX program that verifies whether a given mobile number is valid based on a specific format (e.g., Indian mobil numbers starting with 7, 8, or 9 and having 10 digits).

**Code:**

%{

#include <stdio.h>

%}

%%

[789][0-9]{9} { printf("Valid mobile number: %s\n", yytext); }

.|\n { /\* Ignore other characters \*/ }

%%

int main() {

yylex();

return 0;

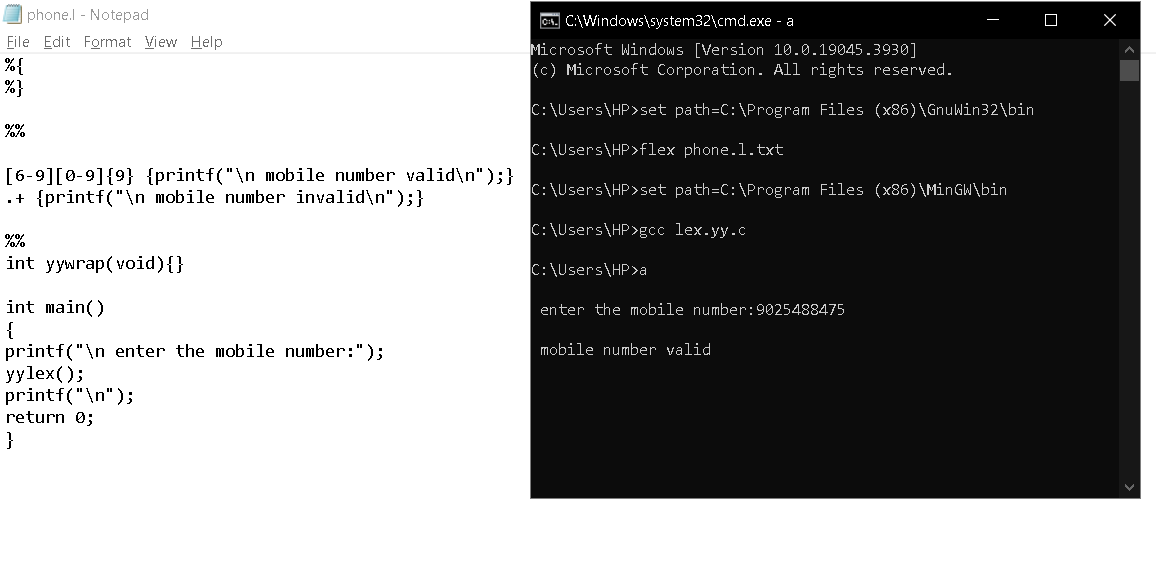
}

int yywrap() {

return 1;

}

**Output:**

****