

## 23. Implement a LEX program to check whether the mobile number is valid or not.

### PROGRAM:

```
/* Definition section */
%option noyywrap

%%
/* Rule section */
0[0-9]{9}  printf("Valid mobile number: %s\n", yytext);
+91[0-9]{10} printf("Valid mobile number: %s\n", yytext);
.         printf("Invalid mobile number: %s\n", yytext);
%%
/* User code section */

int yywrap() {
    return 1;
}

int main() {
    printf("Enter a mobile number: ");
    yylex();
    return 0;
}
```

### INPUT:

```
Enter a mobile number: 0123456789
Valid mobile number: 0123456789
```

### OUTPUT:

```
Enter a mobile number: +919876543210
Valid mobile number: +919876543210

Enter a mobile number: 123456
Invalid mobile number: 123456
```