

39. Write a LEX code to replace a word with another word in a file.

```
%{
#include <stdio.h>
#include <string.h>
%}

%%

"old_word" { fputs("new_word", yyout); }
.          { fputc(yytext[0], yyout); }

%%

int main() {
    FILE *input = fopen("input.txt", "r");
    if (!input) {
        printf("Error: Unable to open input file\n");
        return 1;
    }

    FILE *output = fopen("output.txt", "w");
    if (!output) {
        printf("Error: Unable to open output file\n");
        fclose(input);
        return 1;
    }

    yyin = input;
    yyout = output;
```

```
yylex();
```

```
fclose(input);
```

```
fclose(output);
```

```
printf("Word \"%old_word\" replaced with \"%new_word\" successfully\n");
```

```
return 0;
```

```
}
```

```
int yywrap()
```

```
{
```

```
return 1;
```

```
}
```

```
D:\>flex 39.l
```

```
D:\>gcc lex.yy.c
```

```
D:\>a.exe input.txt
```

```
Word "old_word" replaced with "new_word" successfully
```

```
D:\>|
```