

```
%{
    #include <stdio.h>
    #include <stdlib.h>

    char regular_expression[100];
%}

%%

regular_expression {
    yytext = "XXXX";
    fprintf(yyout, "%s", yytext);
}

. {
    fprintf(yyout, "%s", yytext);
}

%%

int main(arg)
{

    printf("Enter the string : ");
    scanf("%123s", regular_expression);

    char in_file_name[100];
    printf("Enter the input file name : ");
    scanf("%123s", in_file_name);

    extern FILE *yyin;
    extern FILE *yyout;

    yyin = fopen(in_file_name, "r");

    if(yyin == NULL)
        printf("\nError!!!\nCan't open the file.\n");

    yyout = fopen("output_file.cpp", "w");
    yylex();

    fclose(yyin);
    fclose(yyout);

    return 0;
}
```