

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

%%

[\\t\\n ]+ {
    char space = ' ';
    fprintf(yyout, "%c", space);
}

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

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

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

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

%%

int main()
{
    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;
}
```