```
 1  %{
 2
 3  /* Checking if it is a well formed paranthesis or not */
 4
 5  #undef yywrap
 6  #define yywrap() 1
 7  int flag=0,ln=1;
 8
 9  %}
10
11
12  %%
13
14
15  "(" {flag++;
16  }
17
18  ")" { flag--;
19  }
20
21  [\n] {
22   if(flag==0)
23   printf("\n The statemnet at line no = %d has no missing paranthesis\n\n",ln);
24   else
25   printf("\n Error at line no = %d\n",ln);
26   if(flag>0)
27   printf("The statemnet has either extra ( paranthesis or a missing ) paranthesis\n\n");
28   else if(flag<0)
29   printf("The statemnet has either extra ) paranthesis or a missing ( paranthesis\n\n");
30   flag=0;
31   ln++;
32  }
33
34  %%
35
36
37  main()
38  {
39   char fname[100];
40   printf("\nEnter the name of file\n");
41   scanf("%s",fname);
42   yyin=fopen(fname,"r+");
43   yylex();
44  }
```