```
%{
#include<stdio.h>
#include <ctype.h>
int k=0;
%}
fsp %d|%c|%f|%s
id [a-zA-Z][a-zA-Z0-9]*
%%
"scanf("["]{fsp}*["]","&{id}*")"";" {k=1;}
.* ;
%%
main()
{
 yyin=fopen("scan.txt","r");
 yylex();
if (k==1) printf("syntax correct");
else printf("syntax wrong");
 return 1;
}
int yywrap()
{
 return 1;
}
```