

1 Enter the file name with.txt extension  
2 test2.txt

3  
4 Input file:

```
5
6 #include stdio.h
7 void f(void);
8 int main(void){
9 auto unsigned short int c,r,w;
10 long d,f;
11 if(c!=25 && r<=25 || w==0)
12 return d+f;
13 else
14 while(1);
15 return 0;
16 }
```

17  
18 OUTPUT:

19  
20 -----  
21 SYMBOL TABLE

22	NAME	CODE	POINTER
23	auto	1	-1
24	if	14	-1
25	int	17	-1
26	long	20	-1
27	unsigned	21	-1
28	void	24	-1
29	return	25	-1
30	else	28	-1
31	short	29	-1
32	while	30	-1
33	<=	34	3
34	==	36	5
35	!=	37	6
36	+	38	1
37	&&	43	1
38		44	2
39	{	49	1
40	}	50	2
41	(	51	3
42	)	52	4
43	CONSTANT	56	6325028,6325032,6325036,6325040,6325044
44	IDENTIFIER	57	6325468,6325472,6325476,6325480,6325484,6325488,6325492,6325496,6325500,6325504,6325508,6325512,6325516,6325520,6325524,6325528
45	INVALID	58	6325908,6325912,6325916,6325920,6325924,6325928,6325932,6325936,6325940,6325944,6325948,6325952