DESCRIPTION :

The main goal of our project is to detect errors in programs written in clanguage. We implemented certain parts whose sample input and sample output are given below. checked syntax errors and few declaration errors .Our implementation consists of one lex file for parsing the text file and another text document for the input c file.

SAMPLE I/P AND O/P :

TYPE NO :1

INPUT:
#include<stido.h>
int addv(int a,int b)
int main()
{
Printf(“saf”);
}
OUTPUT :
****
The error is

1.prototype not found.

TYPE NO :2

INPUT:
#clude<stdio.h>
int addv(int a,int b)
int main()
{
}
OUTPUT :
****
The error is
1.invalid preprocessor directive.

TYPE NO :3

INPUT:
#include<stdio.h>
int addv(int a,int b)
int main()

{
Printf(“%km”);
}
OUTPUT :
****
The error is

1.not terminated properly.

TYPE NO :4

INPUT:
#include<stdio.h>
int addv(int a,int b)
int main()
{
Addv(a,b,b);
}
OUTPUT :
****
The error is

1.too many arguments.

TYPE NO :5

INPUT:
#include<stdio.h>
int addv(int a,int b)
int main()
{
F=h;
}
OUTPUT :
****
The error is

1variable undeclared.

TYPE NO :6

INPUT:
#include<stdio.h>

```
int addv(int a,int b)
int main()
{
Printf(“”)
}
```

OUTPUT :

****

The error is

1.statement missing.

RESULT :

There are the errors which are identified using lex.