07.Write a LEX program to print all the constants in the given C source program file.

```
digit [0-9]
%{
int cons=0;
%}
%%
{digit}+ { cons++; printf("%s is a constant\n", yytext);  }
.|\n { }
%%
int yywrap(void) {
return 1; }
int main(void)
{
FILE *f;
char file[10];
printf("Enter File Name : ");
scanf("%s",file);
f = fopen(file,"r");
yyin = f;
yylex();
printf("Number of Constants : %d\n", cons);
fclose(yyin);
}
```

```
C:\Users\heman\Desktop\compiler design\day 2\2 const>A
Enter File Name : SAMPLE.C
314 is a constant
30 is a constant
Number of Constants : 2

C:\Users\heman\Desktop\compiler design\day 2\2 const>
```