

```

#!/usr/bin/perl
# Filename: chelp.pl
# Author   : A. G. Raja
# Website  : agraja.wordpress.com
# License  : GPL
# pass c file as argument to this script
# this script displays all the comments
use strict;
use warnings;
open(FILE,$ARGV[0]) or die "File not Found";
my $line;
my $start=0;
while ( $line = <FILE> ) {
    if($line =~ /\n/)
    {
        $line =~ s/(.*)\n(.*)/$2/;
        print $line;
    }
    if($line =~ /\n*/)
    {
        $start=1;
        $line =~ s/(.*)\n(.*)/$2/;
    }
    if($line =~ /\n\n/)
    {
        $line =~ s/(.*)\n\n/$1/;
        print $line;
        $start=0;
    }
    if($start) { print $line; }
}
close FILE;

```

Tips:

Use a shell script to redirect the output of the above script to another program.

Example

```
#!/bin/bash
```

```
# Filename: help.sh
```

```
# Author : A.G.Raja
```

```
# Website : agraja.wordpress.com
```

```
# License : GPL
```

```
# Install chelp.pl and add to path
```

```
chelp $1 | less
```

Demo:

Below is a C file

```
// Filename : demo.c
// Author  : cfile.pl
// License : GPL
#include <stdio.h>
#define print(x) printf("str=%s\n",x);
int main(int argc, char **argv)
{
/* this is a multi-
   line comment */
    char *str="File name:";// this will print file name
    print(argv[0])
    return 0;
}
```

Type at the terminal:

```
[raja@agraja ]$ chelp demo.c
```

The following will be printed to stdout

```
Filename : demo.c
Author  : cfile.pl
License : GPL
this is a multi-
   line comment
this will print file name
```