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C program documentation extractor to streamline the process of understanding and maintaining C codebases.

Note:

- ◆ Provided program extracts content between delimeters (begins with /* and ends with */) as it is including spaces, tabs, special characters and newline i.e everything enclosed in delimeters will be considered as part of documentation.
- ◆ Even though c doesn't support nested comments, given program handles nested documentation comments also.

Program:

```
documentgenerator.c
#include <stdio.h>
3 int main()
        FILE* fp;
char fname[25], c, nextc;
int cl = 0;
       fp = fopen(fname, "r");
               printf("Error: Unable to open %s file\n\n", fname);
        printf("C program Documentation : \n");
        printf("\n-----
        while ((c = fgetc(fp)) != EOF)
               if (c == '/' && (nextc = fgetc(fp)) == '*')
                       printf("\n");
               else if (c == '*' && (nextc = fgetc(fp)) == '/')
               else if (cl > 0)
printf("%c", c);
        printf("\n");
        fclose(fp);
```

input file:

Output: