

Lab Report-5

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Experiment No: 05

Experiment Name: Removing block comment from a given source code.

Code:

```
#include<string.h>
#include<stdio.h>
#include<stdlib.h>

void blockComment();
FILE *f1,*f2;

int main()
{
    char c,d,e;
    f1=fopen("block_comment.txt","r");
    f2=fopen("rwrite.txt","w");

    while((c=fgetc(f1))!=EOF)
    {

        if(c=='/')
        {
```

```
d=fgetc(f1);
if(d=='*')
{
    blockComment();
}
else
{
    fputc(c,f2);
    fputc(d,f2);
}
}
```

```
else
{
    fputc(c,f2);
}

}
```

```
fclose(f1);
fclose(f2);
return 0;
}
```

```
void blockComment(){
char e,f;
while((e=fgetc(f1))!=EOF){
    if(e=='*'){
```

```

f=fgetc(f1);
if(f=='/')
{
    return;
}
}
}
}
}

```

Output:

block_comment - Notepad

```

#include<stdio.h>
/* This is a block comment */
int main(){

int a=6;

/* This is
another block Comment */

int res=a/2;
printf("%d",res);

/*
Three
*/

//This is a line Comment

return 0;

```

Ln 12, C 100% Windows (CRLF) UTF-8

rwrite - Notepad

```

#include<stdio.h>

int main(){

int a=6;

int res=a/2;
printf("%d",res);

//This is a line Comment

return 0;
}

```

Ln 1, Cc 100% Windows (CRLF) UTF-8

Discussion:

First two pointers are taken. *f1 & *f2.

The f1 file has been opened for read.

The f2 file has been opened for write.

A while loop has been taken for access the f1 file.

fgetc function read , one by one value & put it c.

If value of c & d match with / & *

Called blockComment()

Otherwise fputc function write value of c in f2 file.

When called blockComment () function

It remove all block comment.