Lab Report-5

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Experiment No: 05

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

Code:

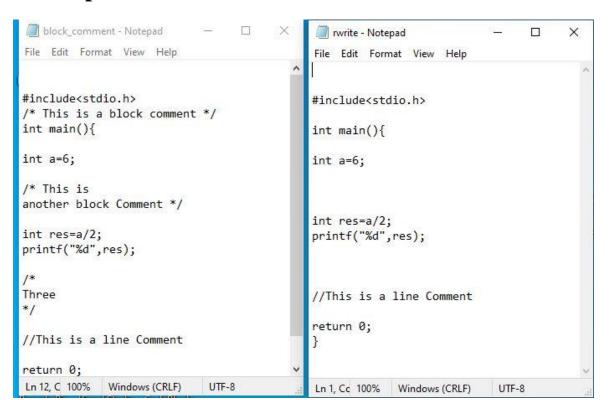
```
#include<string.h>
#include<stdio.h>
#include<stdlib.h>
void blockComment();
FILE *f1,*f2;
int main()
{
  char c,d,e;
  f1=fopen("block_comment.txt","r");
  f2=fopen("rwrite.txt","w");
  while((c=fgetc(f1))!=EOF)
  {
    if(c=='/')
    {
```

```
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:



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.