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C_129 ⇒ rewind() function in File Handling

* rewind means as the name suggest rewind something.

abc.txt

0	1	2	3	4	5	6	7	8
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NOTE

* rewind() used to move file pointer from any position to start.

* rewind(fp); it has no return type void.

* If we open this file in w+ mode, the whole content is erased and we need to write and then read.

* If we open in r+ mode then we could read and also write.

```
① FILE *fp = NULL;  
fp = fopen("abc.txt", "r+");
```

```
if (fp == NULL)
```

```
{  
    printf("File do not exist/erased");  
    exit(1);  
}
```

①
%p

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```
fseek(fp, 0, SEEK_SET);
```

②.

```
→ rewind(fp);
```

②
%p

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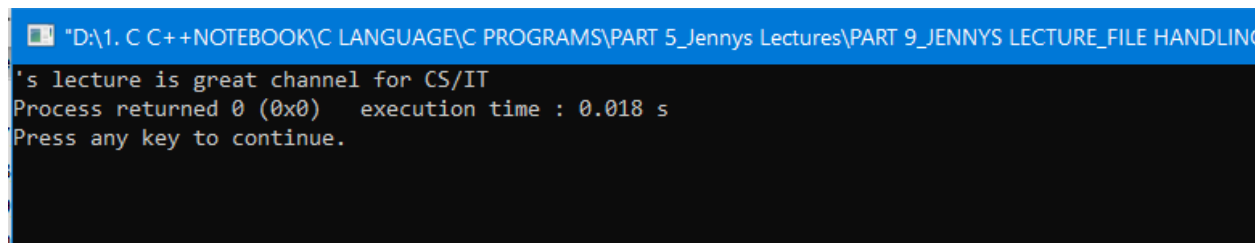
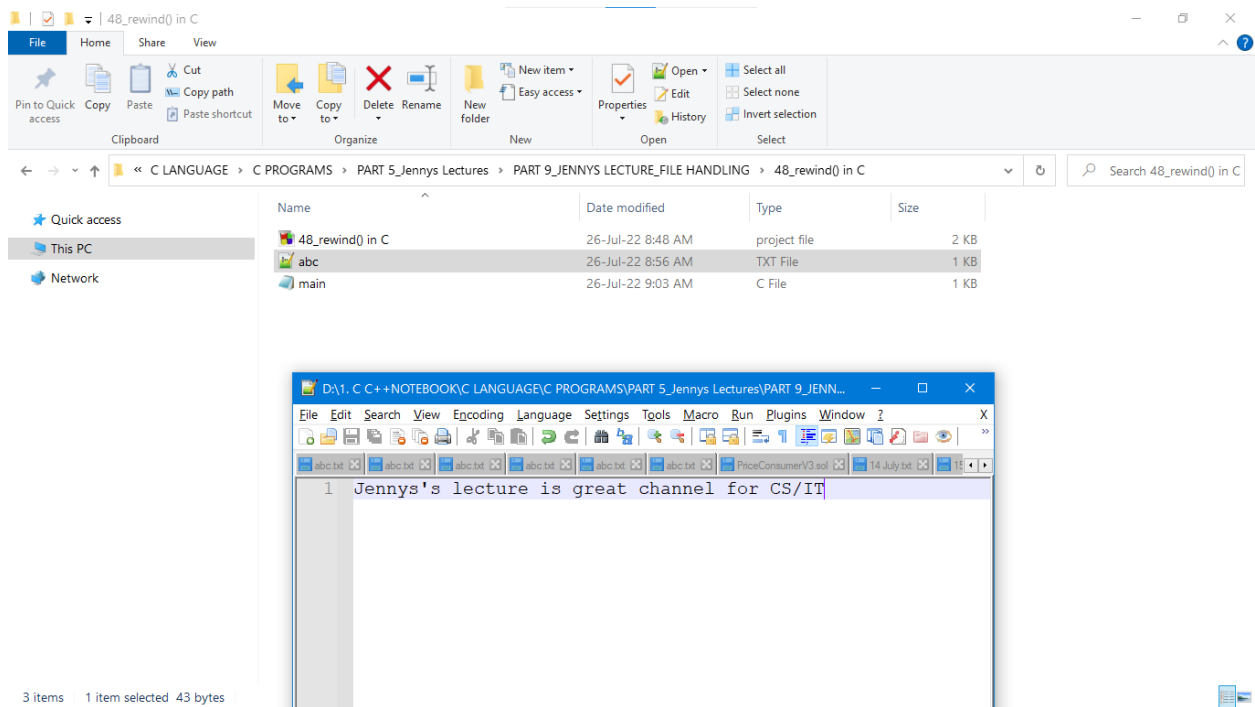
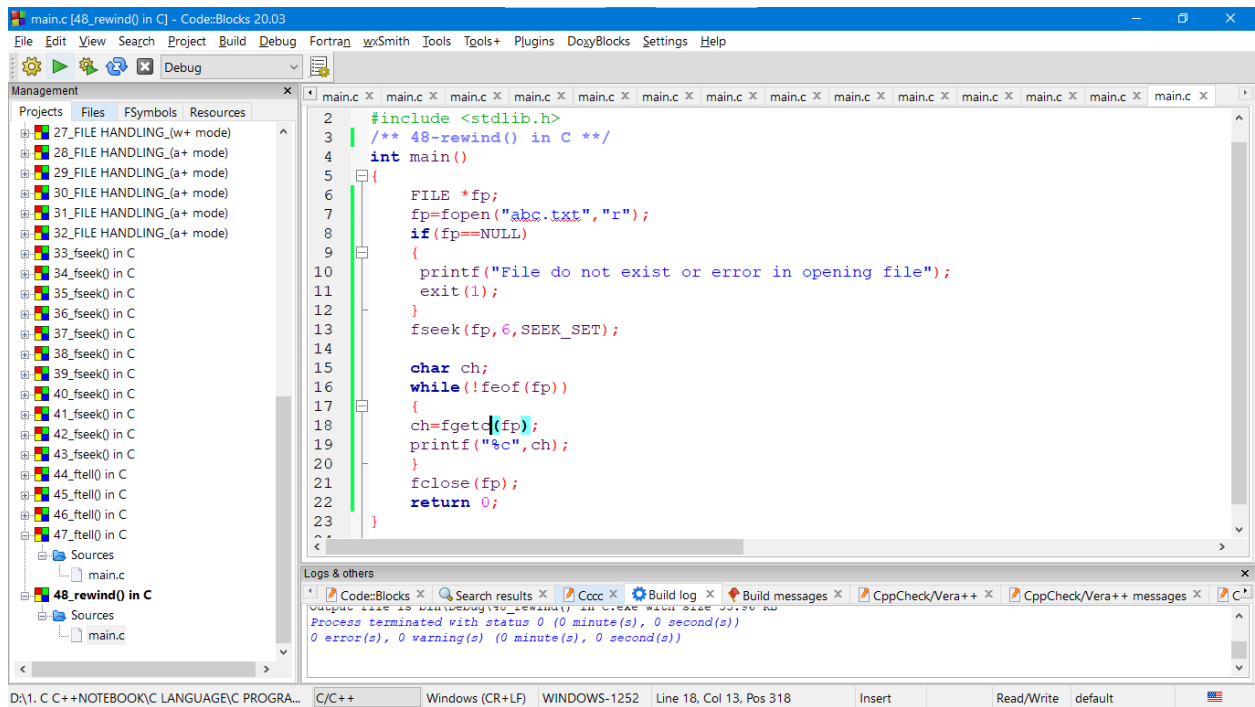
```
while (!feof(fp))
```

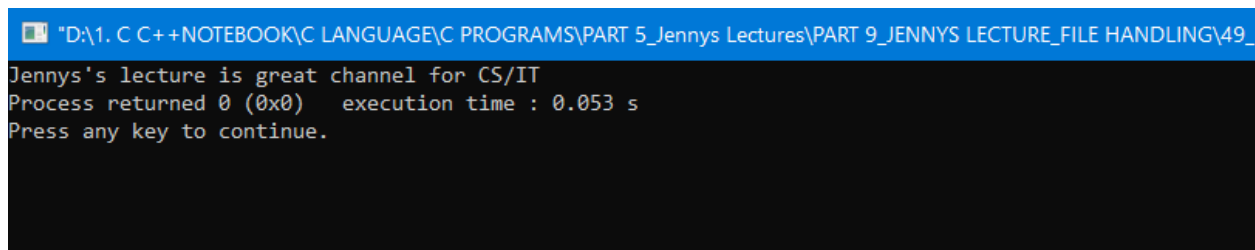
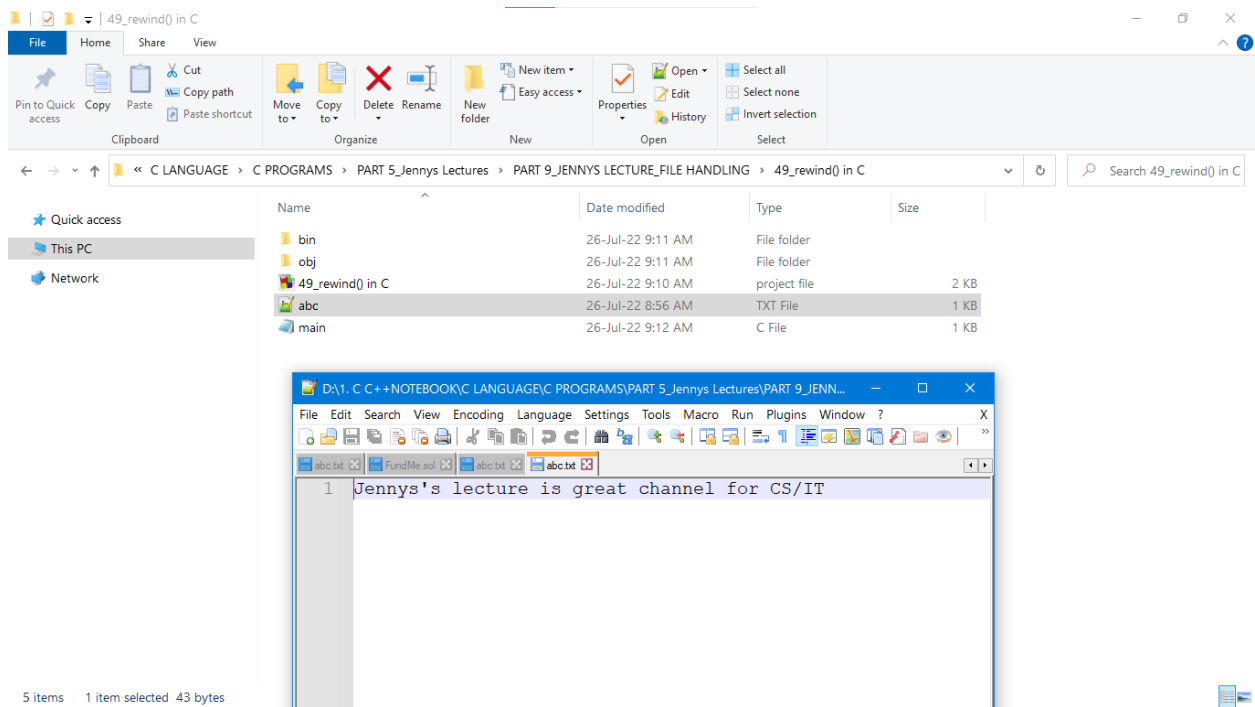
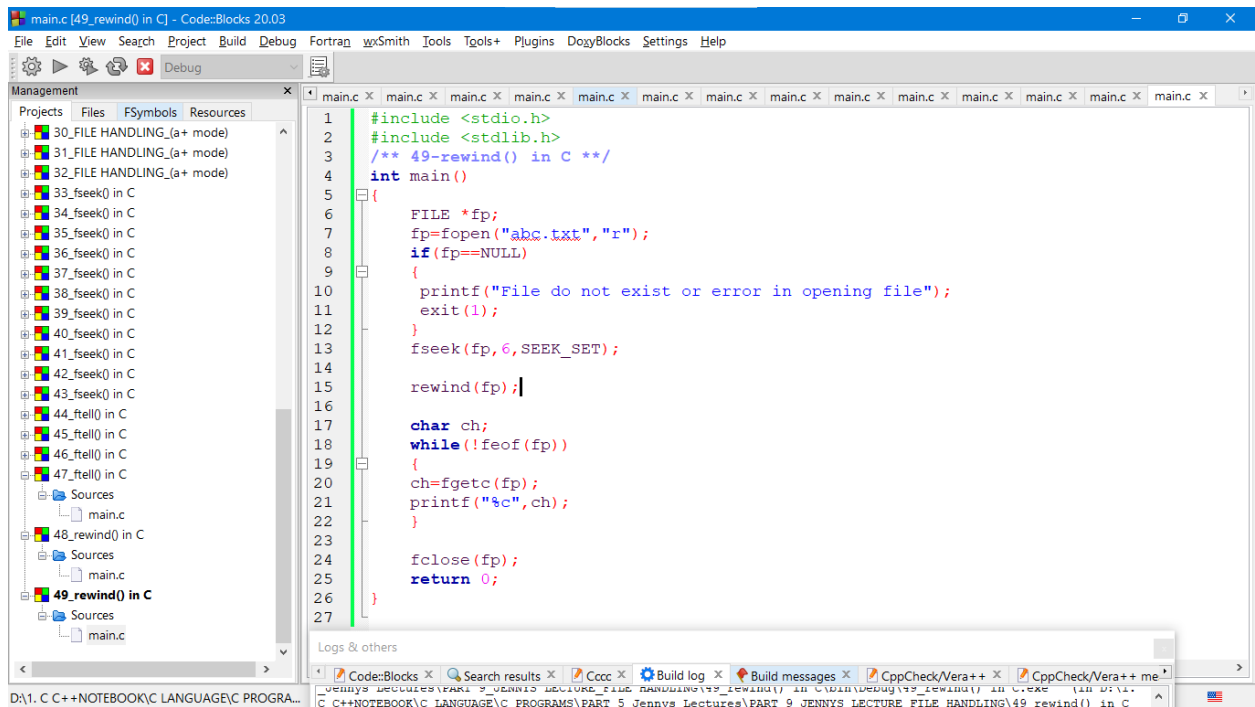
```
{  
    ch = fgetc(fp);  
    printf("%c", ch);
```

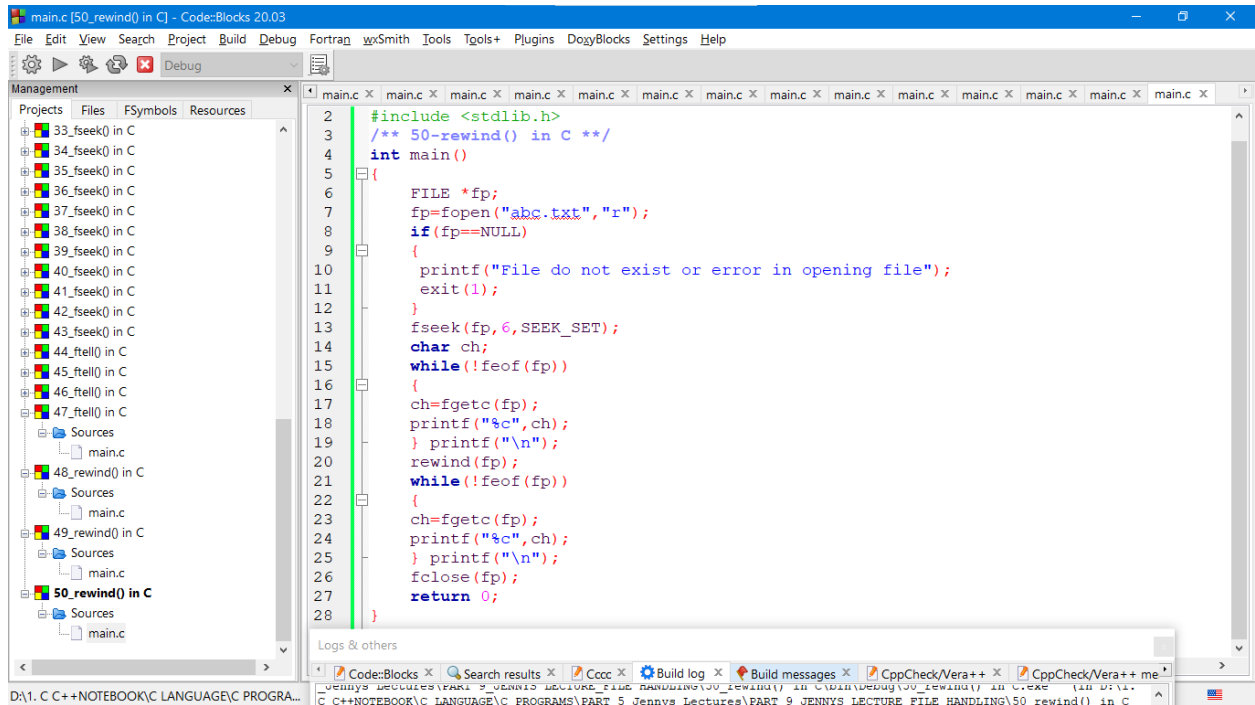
③ write rewind(fp) again and while loop to print.

```
}
```

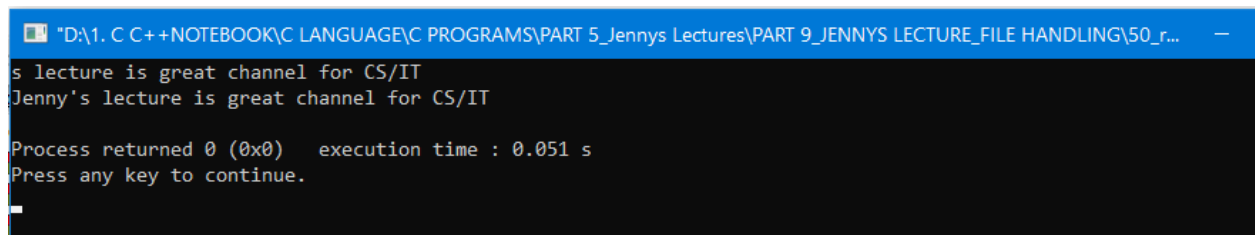
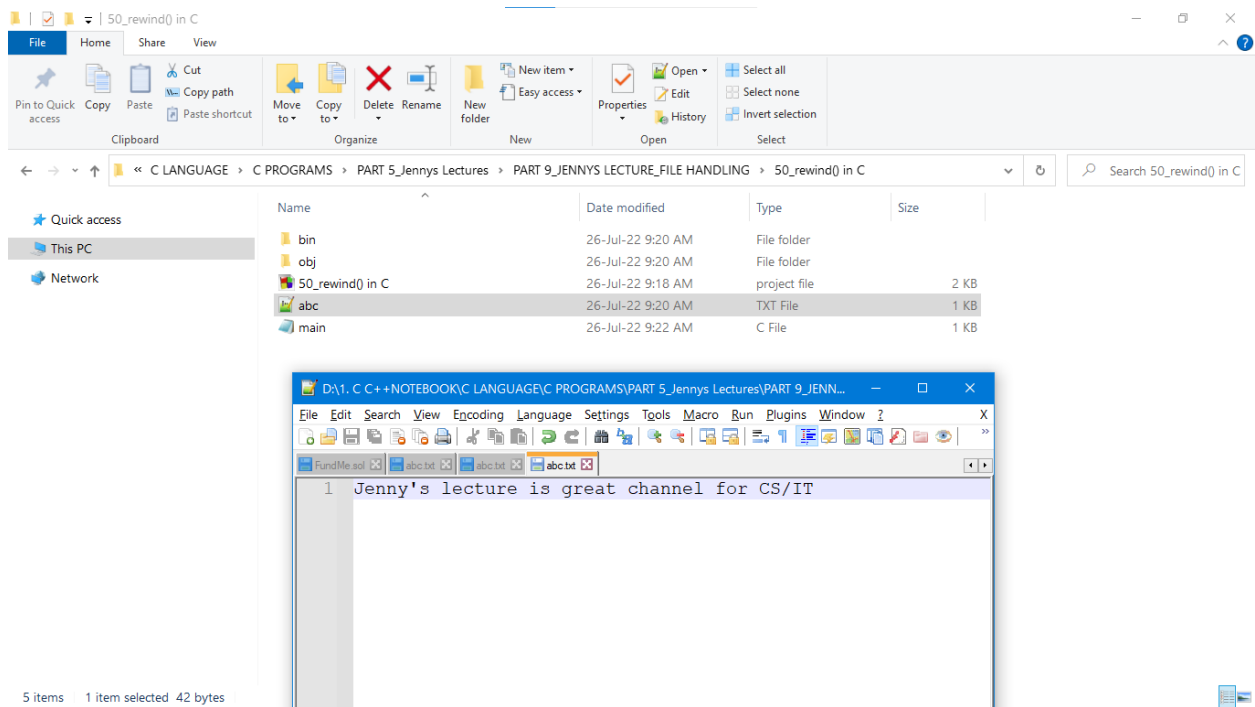
```
fclose(fp);
```







```
1 // 50_rewind() in C
2 #include <stdlib.h>
3 /** 50_rewind() in C **/
4 int main()
5 {
6     FILE *fp;
7     fp=fopen("abc.txt","r");
8     if(fp==NULL)
9     {
10         printf("File do not exist or error in opening file");
11         exit(1);
12     }
13     fseek(fp,6,SEEK_SET);
14     char ch;
15     while(!feof(fp))
16     {
17         ch=fgetc(fp);
18         printf("%c",ch);
19     } printf("\n");
20     rewind(fp);
21     while(!feof(fp))
22     {
23         ch=fgetc(fp);
24         printf("%c",ch);
25     } printf("\n");
26     fclose(fp);
27     return 0;
28 }
```



```
"D:\1. C C++\NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5_Jennys Lectures\PART 9_JENNY'S LECTURE_FILE HANDLING\50_r...
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Process returned 0 (0x0)   execution time : 0.051 s
Press any key to continue.
```