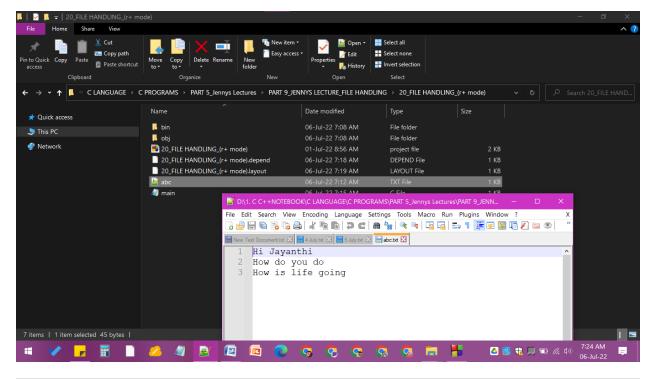


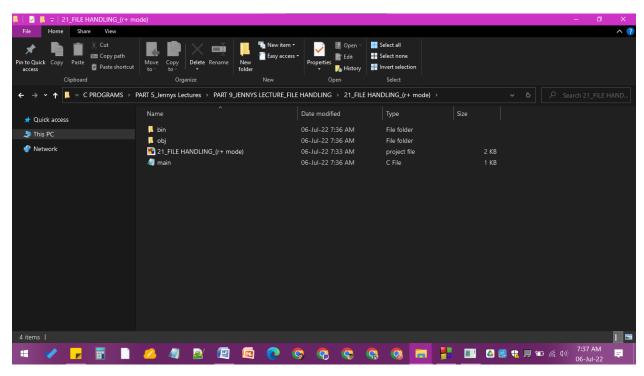
```
#include <stdio.h>
 1
     #include <stdlib.h>
 2
     /** 20-File Handling (r+ mode) **/
 3
     /** It do both read/write but special purpose is to read **/
 4
     /** It wont create a file, if file exist it will read or write **/
 5
 6
 7
                 /** Only Read mode **/
 8
     int main()
 9
    ₽{
         FILE *fp=NULL;
10
11
          fp=fopen("abc.txt","r+");
12
         if(fp==NULL)
13
          printf("Error/File do not exist...");
14
15
          exit(1);
16
17
         char str[50];
18
         while(!feof(fp))
19 🖨
20
          fgets(str, 45, fp);
21
          printf("%s",str);
22
23
         fclose(fp);
24
     return 0;
```



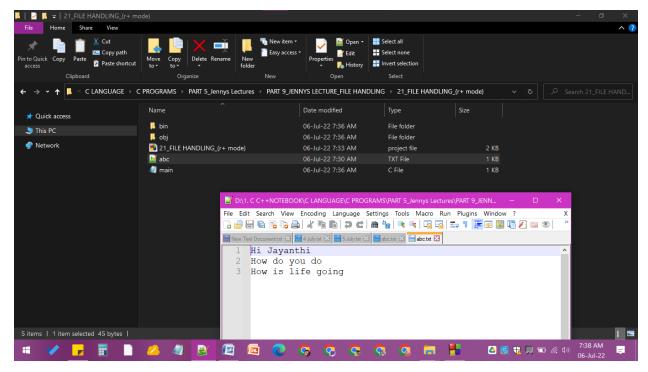
```
#include <stdio.h>
     #include <stdlib.h>
 2
 3
     /** 20-File Handling (r+ mode) **/
 4
     /** It do both read/write but special purpose is to read **/
     /** It wont create a file, if file exist it will read or write **/
 5
 6
 7
                 /** Only Read mode **/
 8
     int main()
 9
    ₽{
          FILE *fp=NULL;
10
11
          fp=fopen("abc.txt","r+");
12
          if(fp==NULL)
13
          printf("Error/File do not exist...");
14
15
          exit(1);
16
17
          char str[50];
18
          while(!feof(fp))
19
20
           fgets(str, 45, fp);
21
          printf("%s",str);
22
23
          fclose(fp);
24
     return 0;
```

```
"D:\1. C C++NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5_Jennys Lectures\PART 9_JENNYS LECTURE_FILE HAND
Hi Jayanthi
How do you do
How is life going
Process returned 0 (0x0) execution time : 0.016 s
Press any key to continue.
```

```
#include <stdio.h>
      #include <stdlib.h>
2
3
      /** 21-File Handling (r+ mode) **/
      /** It do both read/write but special purpose is to read **/
/** It wont create a file, if file exist it will read or write **/
4
5
 6
                   /** Only Write mode **/
7
8
      int main()
9
10
          FILE *fp=NULL;
           fp=fopen("abc.txt","r+");
11
12
           if(fp==NULL)
13
14
           printf("Error/File do not exist...");
15
           exit(1);
16
17
           char str[50];
          printf("Enter the content to write in file:\n");
18
19
           fprintf(fp, "%s", str);
20
21
           fclose(fp);
22
      return 0;
23
24
```



```
■ "D:\1. C C++NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5 Jennys Lectures\PART 9 JENNYS LECTURE FILE HANDLING\21 F...
Error/File do not exist...
Process returned 1 (0x1) execution time : 0.047 s
Press any key to continue.
      #include <stdio.h>
 2
      #include <stdlib.h>
 3
      /** 21-File Handling (r+ mode) **/
      /** It do both read/write but special purpose is to read **/
 4
 5
      /** It wont create a file, if file exist it will read or write **/
 6
 7
                 /** Only Write mode **/
 8
     int main()
 9
10
          FILE *fp=NULL;
          fp=fopen("abc.txt","r+");
11
12
          if (fp==NULL)
13
14
           printf("Error/File do not exist...");
15
           exit(1);
16
17
          char str[50];
18
          printf("Enter the content to write in file:\n");
19
          gets(str);
20
          fprintf(fp, "%s", str);
21
          fclose(fp);
22
      return 0;
23
24
<
```

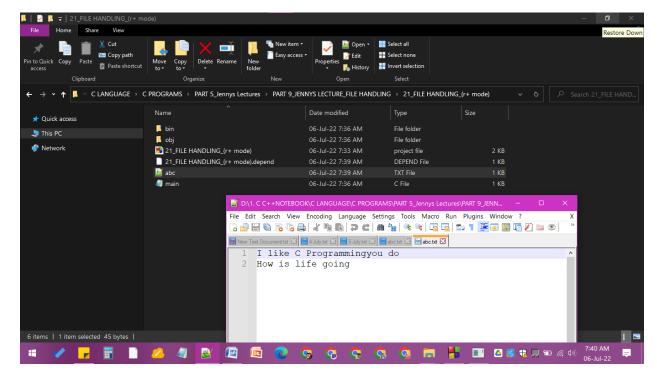


```
"D:\1. C C++NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5_Jennys Lectures\PART 9_JENNYS LECTURE_FILE HANDLING\21_F...

Enter the content to write in file:
I like C Programming

Process returned 0 (0x0) execution time: 30.772 s

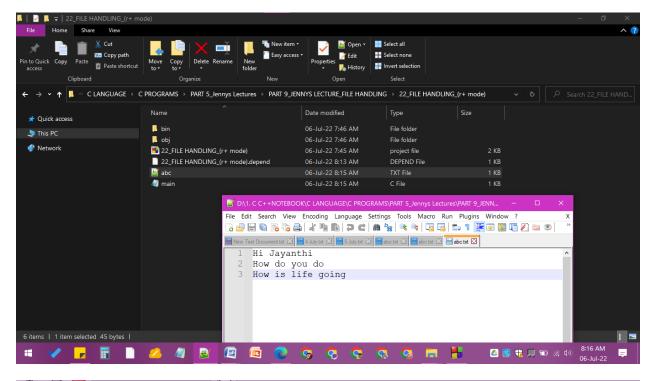
Press any key to continue.
```



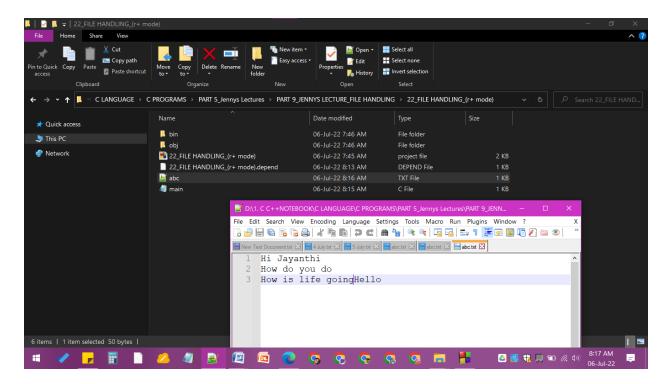
NOTE:

In r+ mode, the whole content of the file is loaded into the buffer and when we do only write operation the content in the file is overwritten from where the file pointer exists.

```
#include <stdio.h>
2
      #include <stdlib.h>
3
      /** 22-File Handling (r+ mode) **/
      /** It do both read/write but special purpose is to read **/
4
      /** It wont create a file, if file exist it will read or write **/
5
 6
7
                 /** First read and do write operation **/
8
     int main()
9
10
          FILE *fp=NULL;
          fp=fopen("abc.txt","r+");
11
          if (fp==NULL)
12
13
           printf("Error/File do not exist...");
14
15
           exit(1);
16
17
          char str[50];
18
          while(!feof(fp))
19
20
           fgets(str, 45, fp);
           printf("%s",str);
21
22
23
          fputs("Hello", fp);
24
          fclose(fp);
25
      return 0;
?
```



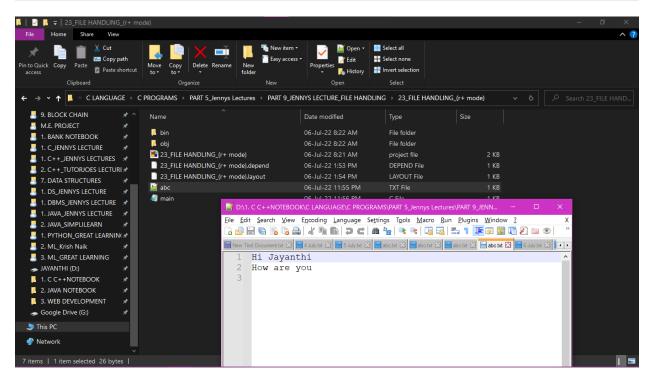
```
"D:\1. C C++NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5_Jennys Lectures\PART 9_JENNYS LECTURE_FILE HANDLING\22_F
Hi Jayanthi
How do you do
How is life going
Process returned 0 (0x0) execution time : 0.047 s
Press any key to continue.
```

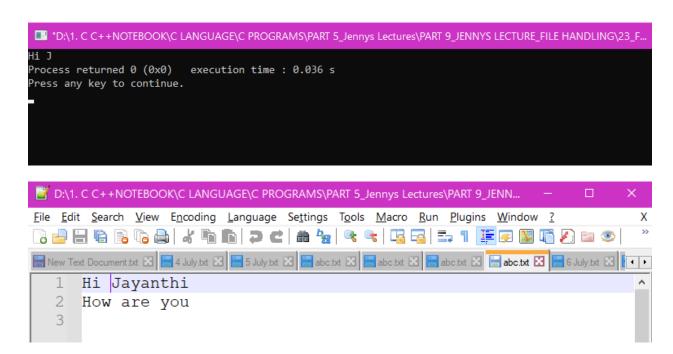


NOTE:

In r+ mode, the whole content of the file is loaded into the buffer and when we do first read and then write operation, it will read the content in the file then the content in the file is overwritten from where the file pointer is present from where the reading gets over.

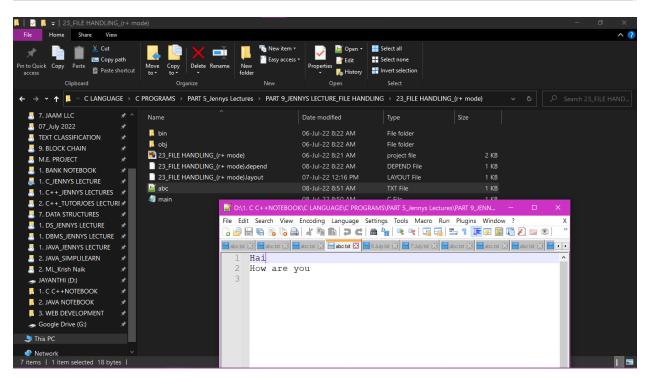
```
#include <stdio.h>
1
 2
     #include <stdlib.h>
 3
     /** 23-File Handling (r+ mode) **/
     /** It do both read/write but special purpose is to read **/
 4
     /** It wont create a file, if file exist it will read or write **/
 6
                  /** First read and do write operation **/
 7
   ⊟/**int main()
 8
 9
10
         FILE *fp=NULL;
11
         fp=fopen("abc.txt","r+");
12
13
        char str[50];
        fgets(str,5,fp);
14
15
         printf("%s",str);
16
17
         fputs("Hello",fp); //have some doubt in this, not get written in between
     return 0;
18
19 } **/
20
21
22
```





File pointer reads till 5 characters including null and should overwrite after then but we did not get it. So have some doubt in this.

```
#include <stdio.h>
      #include <stdlib.h>
 2
 3
      /** 23-File Handling (r+ mode) **/
      /** It do both read/write but special purpose is to read **/
 4
 5
     /** It wont create a file, if file exist it will read or write **/
 6
 7
                  /** First write and do read operation **/
 8
     int main()
9
10
          FILE *fp=NULL;
          fp=fopen("abc.txt","r+");
11
12
          if(fp==NULL)
13
14
          printf("File does not exit or error");
15
          exit(1):
16
17
         char str[50];
         printf("Enter the content to write in a file:");
18
19
          gets(str);
20
          fputs(str,fp);
21
          rewind(fp);
22
          fgets(str,5,fp);
23
          printf("%s", str);
24
         fclose(fp);
25
          getch();
26
27
```



"D:\1. C C++NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5_Jennys Lectures\PART 9_JENNYS LECTURE_FILE HANDLING\23 Enter the content to write in a file:Hello Hell Process returned 0 (0x0) execution time : 5.642 s Press any key to continue. -

