

## Output:-

❖ Server containing files as file1.txt and file2.txt

### ➤ File1.txt



A screenshot of a text editor window with a dark theme. The title bar shows 'file1.txt' and the path '~/Desktop/NP\_Project'. The editor contains three lines of text: '1This is a sample text file.', '2Hello Good Morning!!!', and '3|' with a cursor at the end of the third line. The window has 'Open', 'Save', and standard window control buttons.

```
1This is a sample text file.  
2Hello Good Morning!!!  
3|
```

### ➤ File2.txt



A screenshot of a text editor window with a dark theme. The title bar shows 'file2.txt' and the path '~/Desktop/NP\_Project'. The editor is currently empty. The window has 'Open', 'Save', and standard window control buttons.

```

abhishek101@abhishek101-virtual-machine: ~/Desktop/MP_Project
gcc server.c -o fileserver
server.c: In function 'main':
server.c:73:21: warning: implicit declaration of function 'fork' [-Wimplicit-function-declaration]
   73 |     if ( (childpid = fork ()) == 0 ) {
       |                     ^~~~~
server.c:77:3: warning: implicit declaration of function 'close'; did you mean 'pclose'? [-Wimplicit-function-declaration]
   77 |     close (l1istenfd);
       |     ^~~~~
       |     pclose
abhishek101@abhishek101-virtual-machine: ~/Desktop/MP_Project$ ./fileserv
Server socket created successfully.
Binding successful.
Listening....

```

```

Child created for dealing with client 1 request
Data sent to created output file is: This is a sample text file.
Hello Good Morning!!!

```

```

Data written in the file successfully.

```

```

Child created for dealing with client 2 request
Data sent to created output file is: This is a sample text file.
Hello Good Afternoon!!!

```

```

Data written in the file successfully.

```

```

abhishek101@abhishek101-virtual-machine: ~/Desktop/MP_Project$ gcc cl
ient.c -o client1
abhishek101@abhishek101-virtual-machine: ~/Desktop/MP_Project$ ./clie
nt1 file1.txt
Server socket created successfully.
Connected to Server.
File data sent successfully.
Closing the connection.
abhishek101@abhishek101-virtual-machine: ~/Desktop/MP_Project$

```

```

abhishek101@abhishek101-virtual-machine: ~/Desktop/MP_Project$ gcc cl
ient.c -o client2
abhishek101@abhishek101-virtual-machine: ~/Desktop/MP_Project$ ./clie
nt2 file2.txt
Server socket created successfully.
Connected to Server.
File data sent successfully.
Closing the connection.
abhishek101@abhishek101-virtual-machine: ~/Desktop/MP_Project$

```

```
1 This is a sample text file.  
2 Hello Good Morning!!!  
3 |
```



A screenshot of a text editor window. The title bar shows the file name '\*output.txt' and the path '~/Desktop/HP\_Project'. The window has a dark theme. The text area contains six lines of text, numbered 1 through 6. Line 3 is highlighted in light blue. The text is as follows:

```
1 This is a sample text file.  
2 Hello Good Morning!!!  
3 |  
4 This is a sample text file.  
5 Hello Good Afternoon!!!  
6
```