## **Implement simple file server using sockets**

## **Output:-**

- Server contains two files named file1.txt and file2.txt
  - File1.txt content:



File2.txt content:



**Communication Between File server and two clients:** 

```
Misheklunissigabitahekloniss-virtual-vachine: "Geskungus Project$ gcc serve abhisseklunissigabishekloniss-virtual-vachine: "Geskungus Project$ gcc ci
 .c -o flieserver
                                                                                          ient.c -o client1
server.c; in function 'main':
server.c:73:21: whitehellowing implicit declaration of function 'fork' [-Winylight mt] filel.txt
                                                                                          Server socket created successfully.
           \f ( (chtidptd = fmrk ()) == 0 ) {
                                                                                          Connected to Server.
server.c:77:3: worning: Implicit declaration of function 'close'; did you med Closing the connection.

abhisbellool333461abellani31-virtual-machine:-/problems//0_problems/[]
                                                                                          File data sent successfully.
  'pclose'? [-Virglicit-function-declaration]
77 | cluss (listenfd);
 Server socket created successfully,
 Binding successfull.
 Listening....
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                                                                                          abitisheklanifitgalikisheklanifit-eletaal-esehimit-/Deukton/NE Freject$ ger el
Child created for dealing with client I request
Data sent to created output file is: This is a sample text file.
Hello Good Morning!!!
                                                                                          ient.c -o client2
                                                                                          abhishetlonidigathisheklonidi-etrinal-eachire:-/hestina/w_contents ./clie
                                                                                          nt2 file2 txt
                                                                                          Server socket created successfully.
                                                                                          Connected to Server.
Data written in the file successfully.
                                                                                          File data sent successfully.
                                                                                          Closing the connection.

whit choling this indicated extract each inst-/Desitop/No_FrequentS |
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.
```

Client1 appends its message into output.txt file from Server.

```
Open on Save E o Save
```

➤ Client2 appends its message into output.txt file from Server.

```
This is a sample text file.

2 Hello Good Morning!!!

3 |

4 This is a sample text file.

5 Hello Good Afternoon!!!
```