```c
#include<stdio.h>
#include<stdlib.h>
#include<unistd.h>
#include<sys/types.h>
#include<sys/types.h>
#include<fcntl.h>
#include<string.h>

int main()
{
        int n;
        puts("Server");
        char strMessage[5000];//[] = {"welcome", "to", "the", "module.", "This", "will", "now",
"stop"};
        int fd = open("fifo6.txt", O_WRONLY);
        int fd2 = open ("fifo7.txt", O_RDONLY);
        if(fd == -1)
        {
                perror("cannot open fifo6");
                return EXIT_FAILURE;
        }
        if(fd2 == -1)
        {
                perror("cannot open fifo7");
                return EXIT_FAILURE;
        }
        puts("FIFO OPEN");
        //read string up to(5000 characters)
        char stringBuffer[5000];
        memset(stringBuffer, 0, 5000);
        int res;
        char Len;
        //while(1)
        {
                printf("\n\n\t\tEnter the Message to be passed (hitting ENTER without any string will
terminate program): ");
                fgets(strMessage, 100, stdin);
                char L = (char) strlen(strMessage);
                //printf("\n\tLength of the given string: %d\n", (L-1));

                write(fd, &L, 1);
                write(fd, strMessage, strlen(strMessage));
                fflush(stdin);
                strMessage[0] = 0;//reseting the character array
                //if(L==1)//since null counts 1
                        //break;
                int len2;
                res = read(fd2, &len2, 1);
                //if(len2 == 1)//since null counts 1
                        //break;

                read(fd2, stringBuffer, 5000); //Read String Characters
```

```c
            printf("\nServer Received: %s\n", stringBuffer);
            stringBuffer[(int)len2] = 0;
    };
    //printf("\n\nCLIENT CLOSED\n")
    //return 0;
}
```

```
/*Output:
avcoe@avcoe-HP-ProDesk-400-G1-SFF:~$ cd Abhishek
avcoe@avcoe-HP-ProDesk-400-G1-SFF:~/Abhishek$ gcc server.c
avcoe@avcoe-HP-ProDesk-400-G1-SFF:~/Abhishek$ ./a.out
Server
FIFO OPEN


            Enter the Message to be passed (hitting ENTER without any string will terminate
program): hi hello

Server Received:  No.of Words : 2::: No.of Charecters: 8::: No.of Lines: 1*/
```