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**Roll no:** 19P-0116

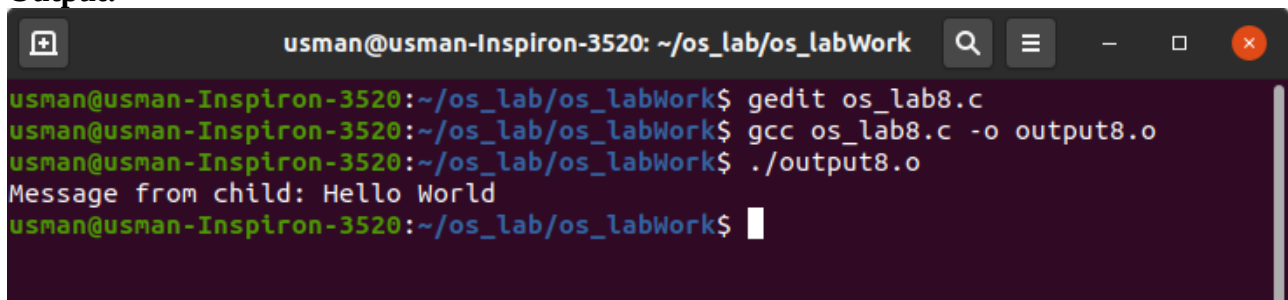
## LAB TASK 8

**CODE:**



```
1 #include<stdio.h>
2 #include <unistd.h>
3
4 int main()
5 {
6     int pip[2];
7     char getString[12];
8     pipe(pip);
9
10    int pid = fork();
11
12    if (pid == 0)//Writing
13    {
14        close(pip[0]); //closing read ability
15        write(pip[1], "Hello World", 11);
16    }
17    else if(pid > 0)//reading
18    {
19        close(pip[1]); //closing write ability
20        read(pip[0], getString, 11);
21        printf("Message from child: %s \n", getString);
22    }
23
24    return 0;
25 }
```

**Output:**



```
usman@usman-Inspiron-3520: ~/os_lab/os_labWork
usman@usman-Inspiron-3520:~/os_lab/os_labWork$ gedit os_lab8.c
usman@usman-Inspiron-3520:~/os_lab/os_labWork$ gcc os_lab8.c -o output8.o
usman@usman-Inspiron-3520:~/os_lab/os_labWork$ ./output8.o
Message from child: Hello World
usman@usman-Inspiron-3520:~/os_lab/os_labWork$
```