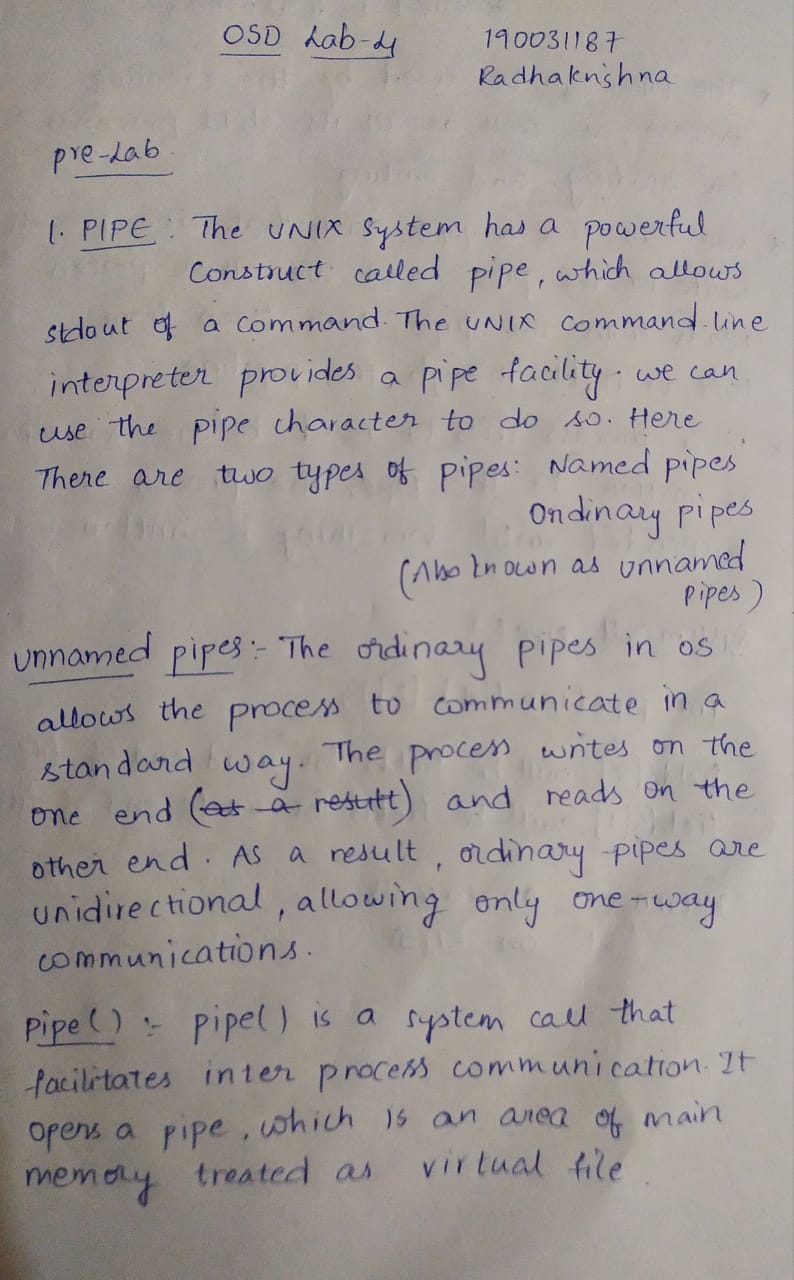
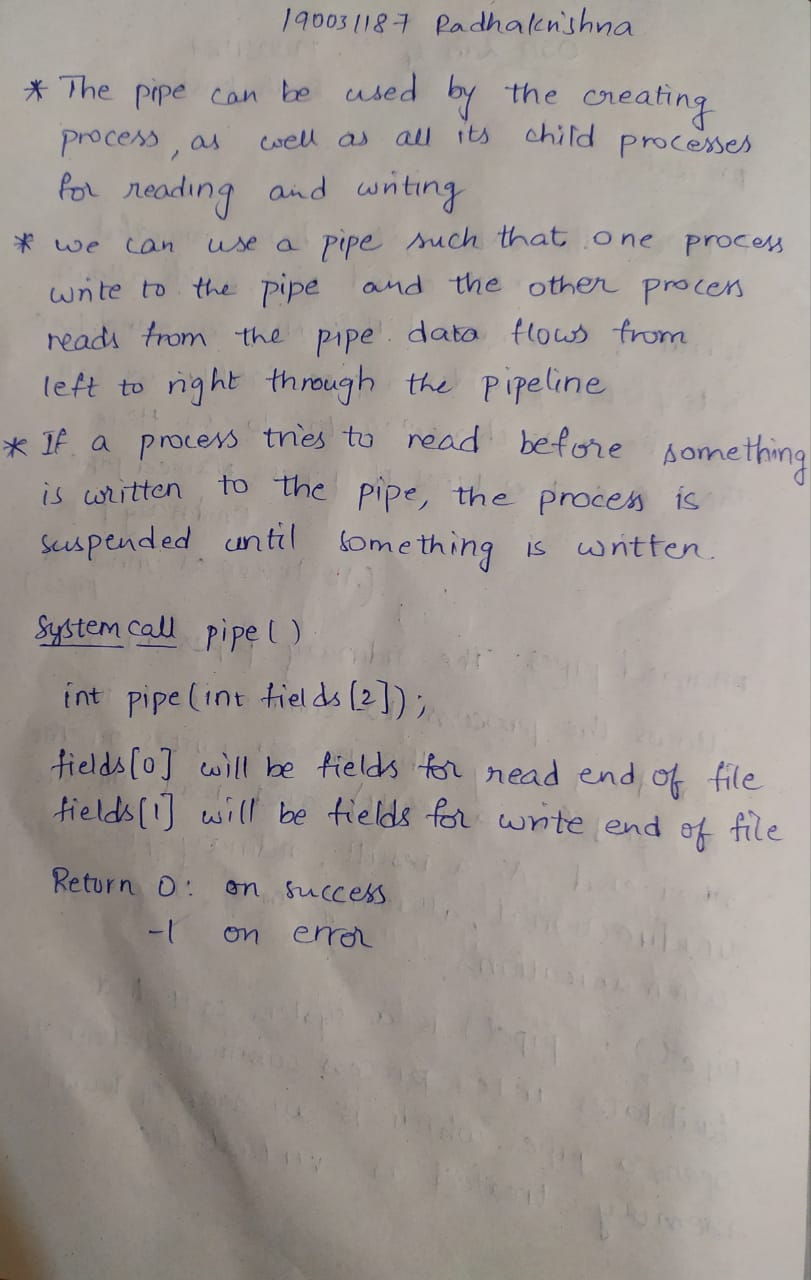
**Operating System and Design (19CS2106S)**

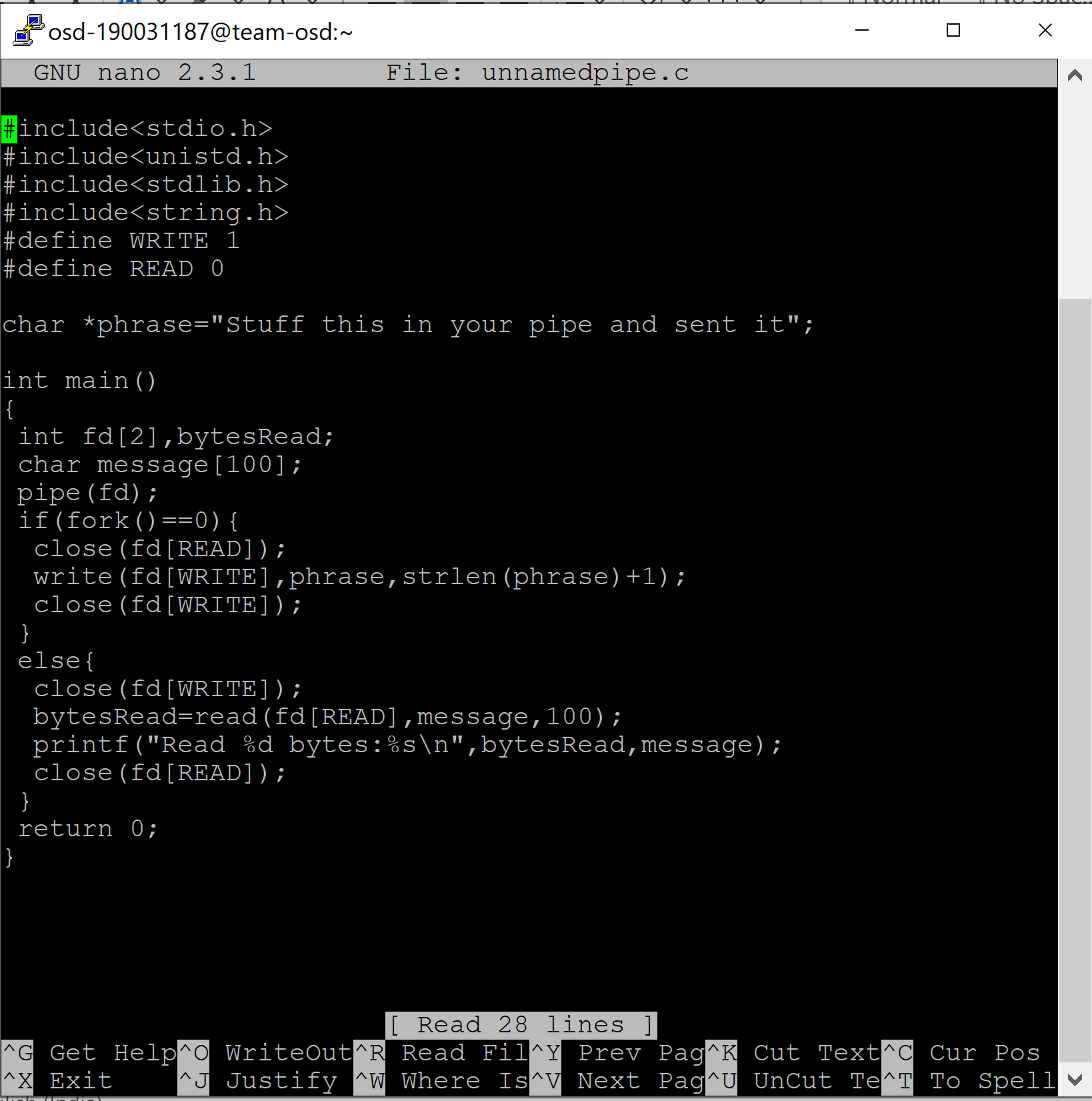
**Lab- 4**

**Pre-Lab:**

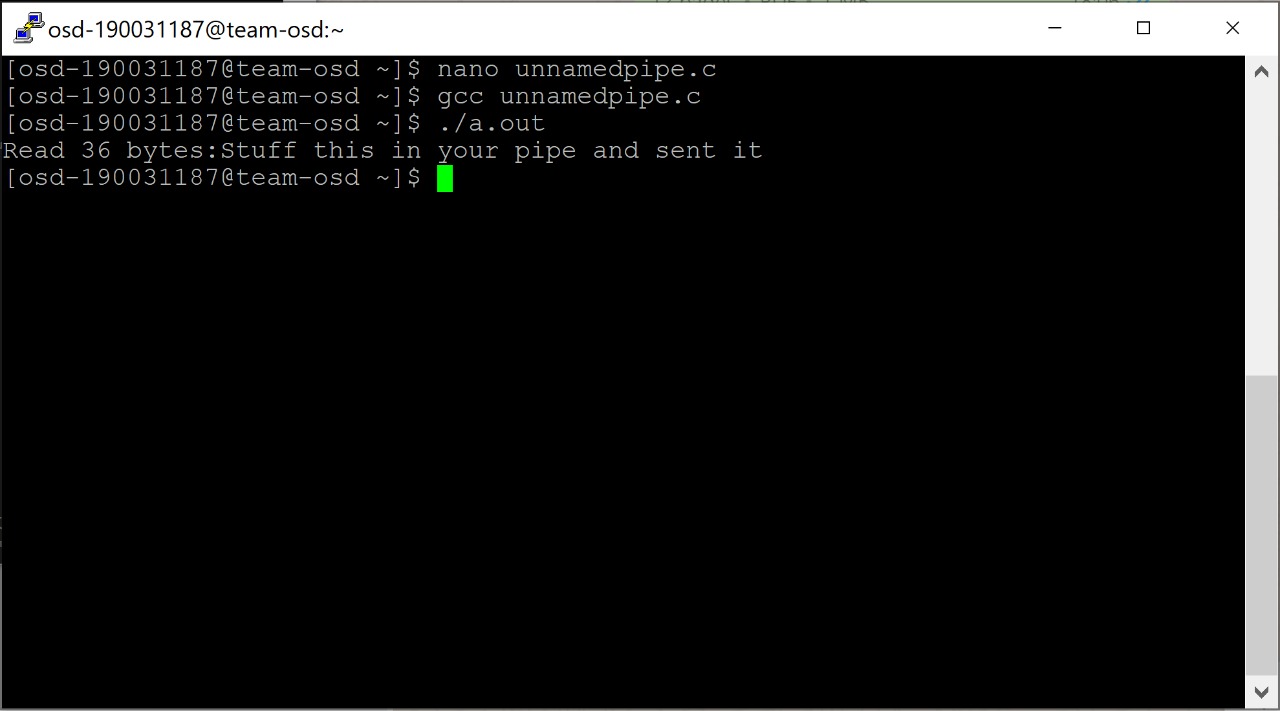
Unnamed Pipes: pipe ()



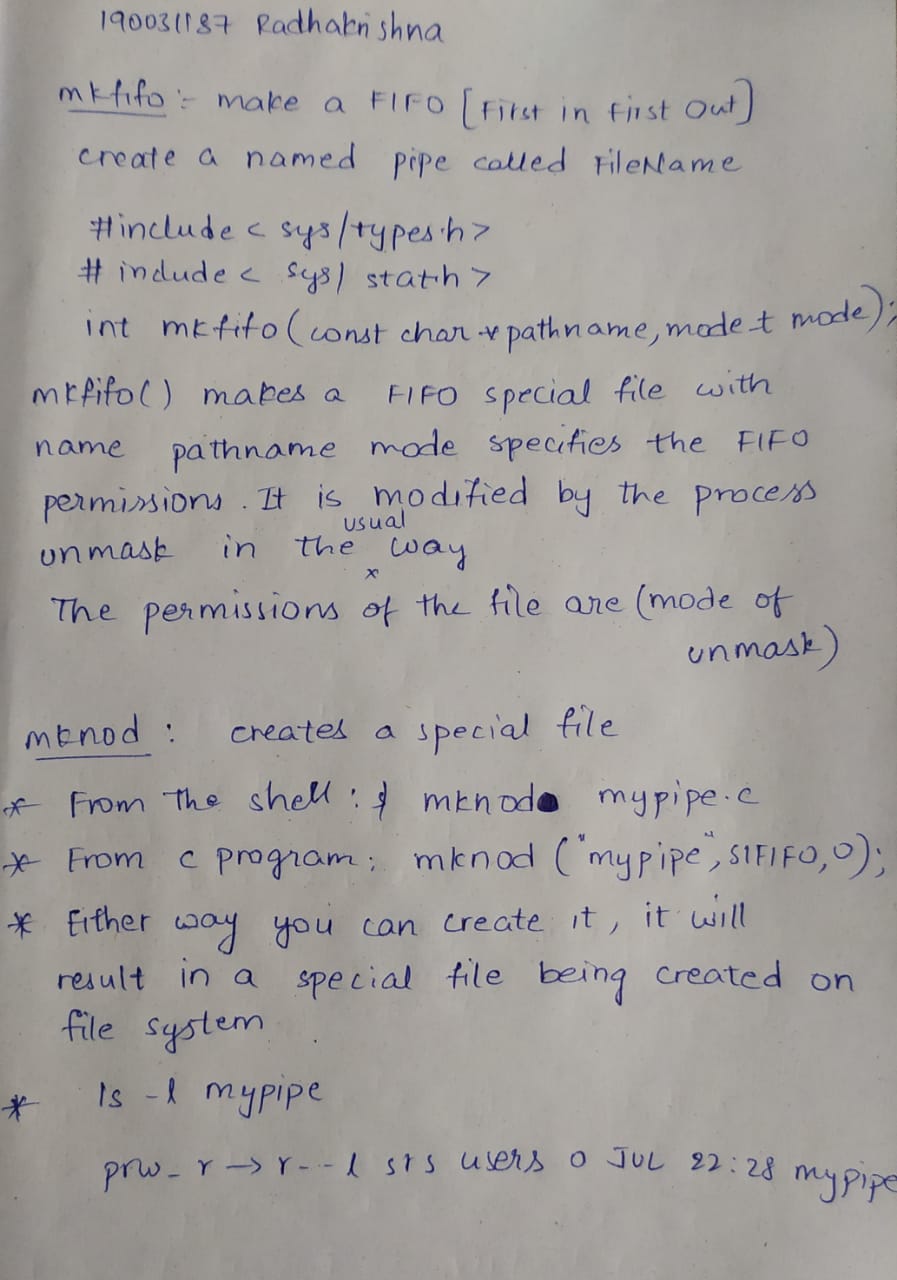




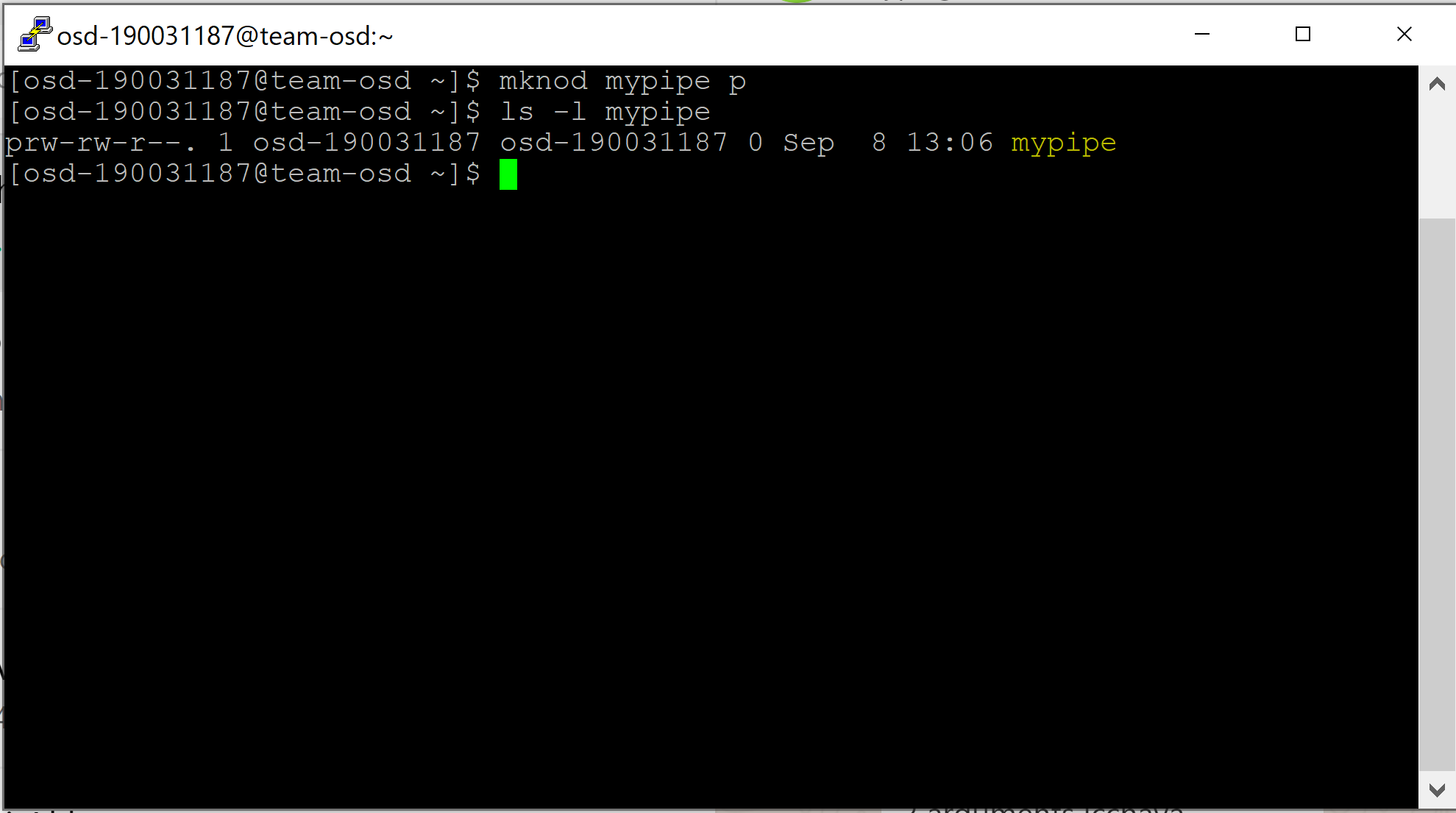
**OUTPUT**



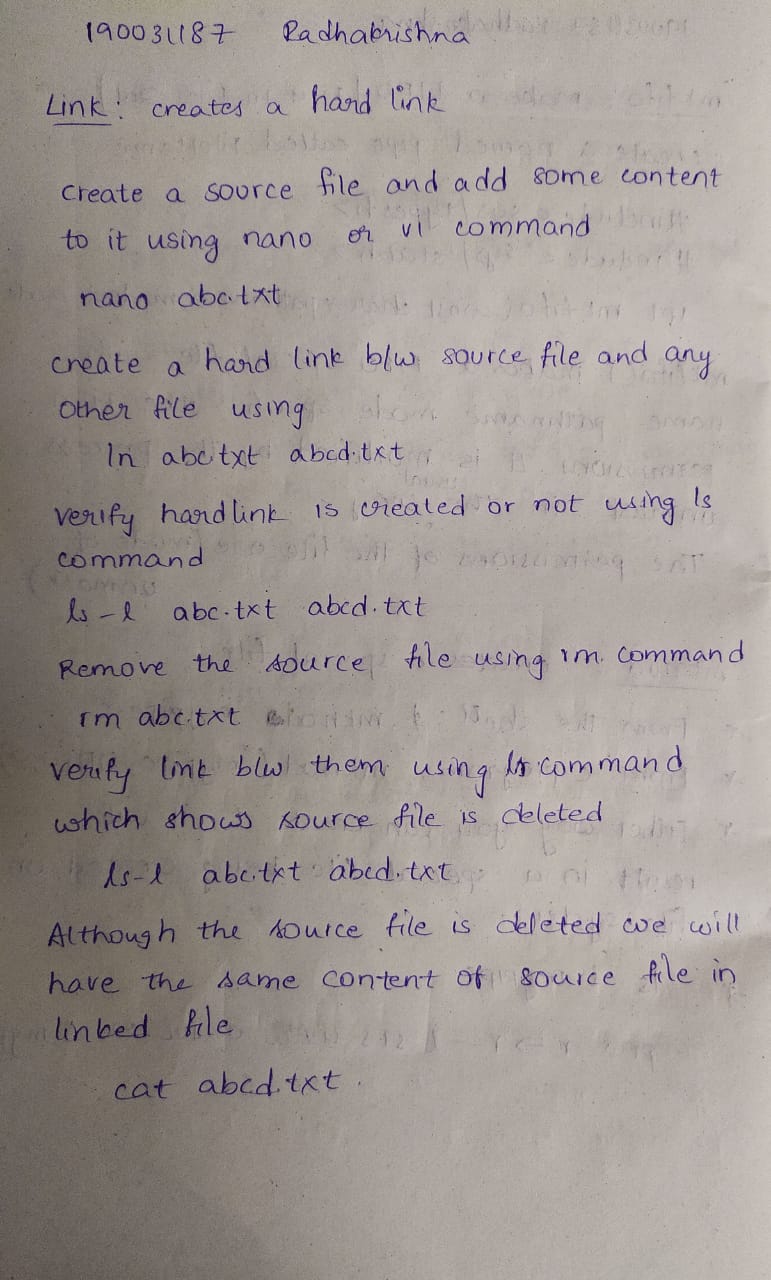
**mkfifo**: creates a named pipe called fileName.

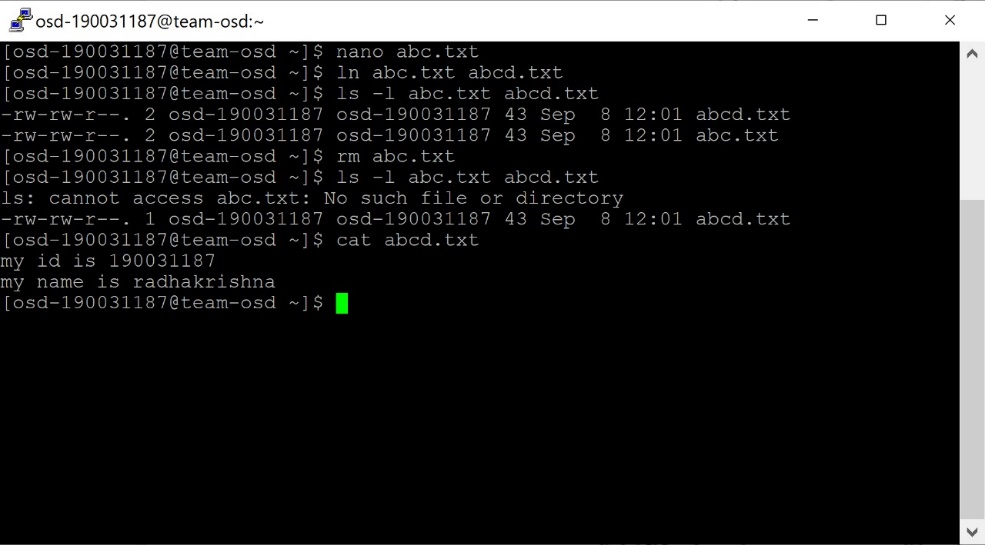


**mknod**: Creates a special file.

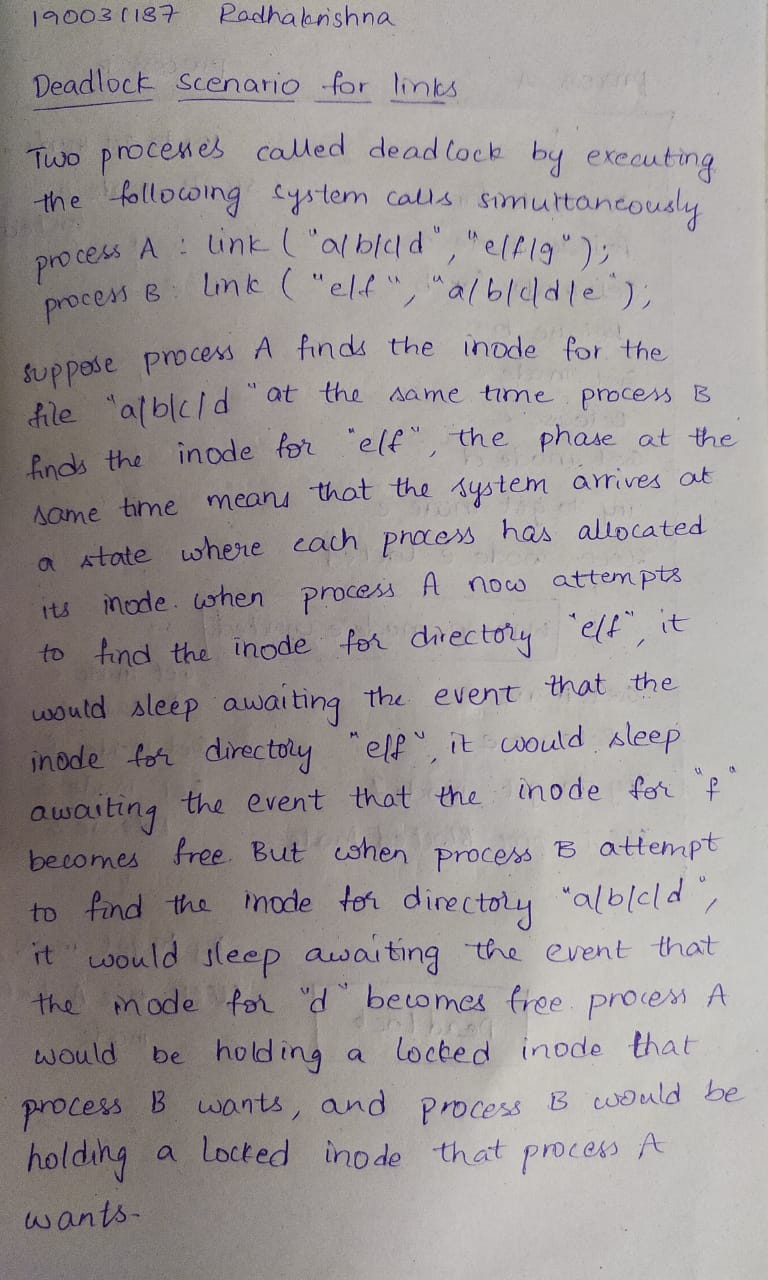
****

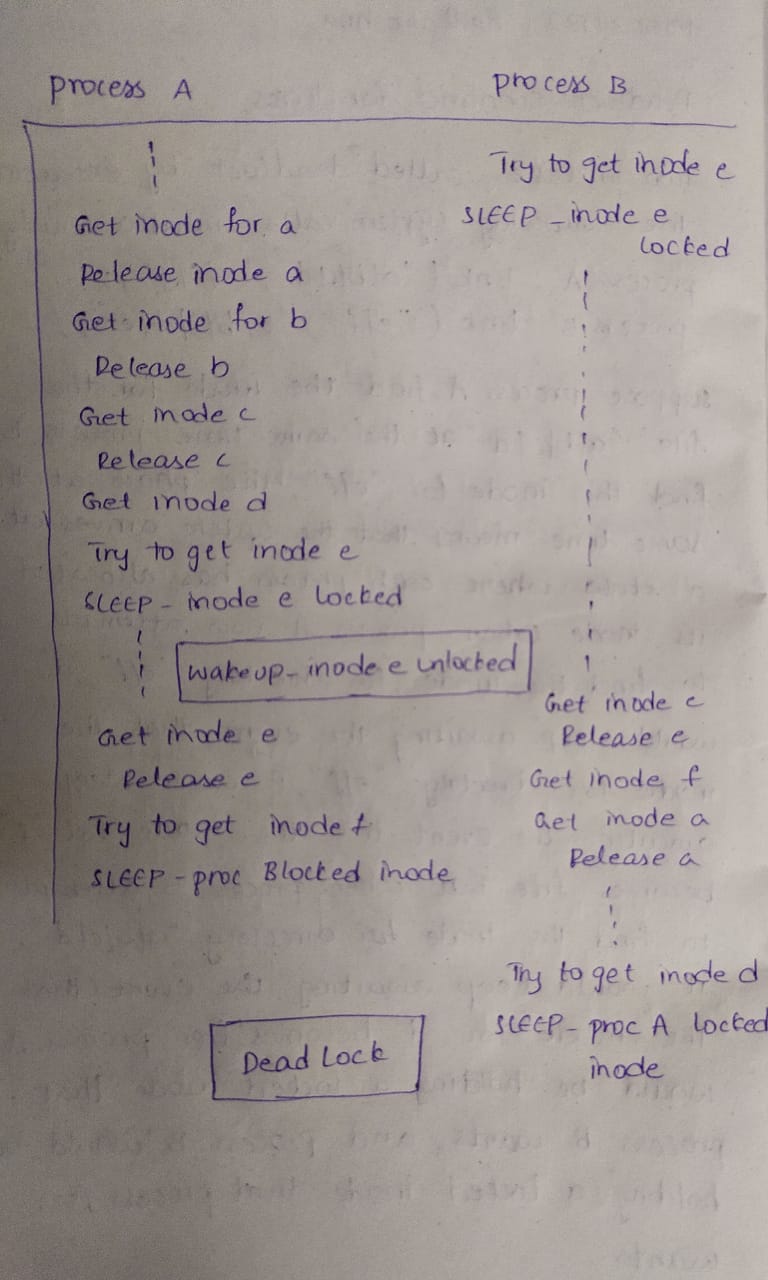
**link**: Creates a hard link.



****

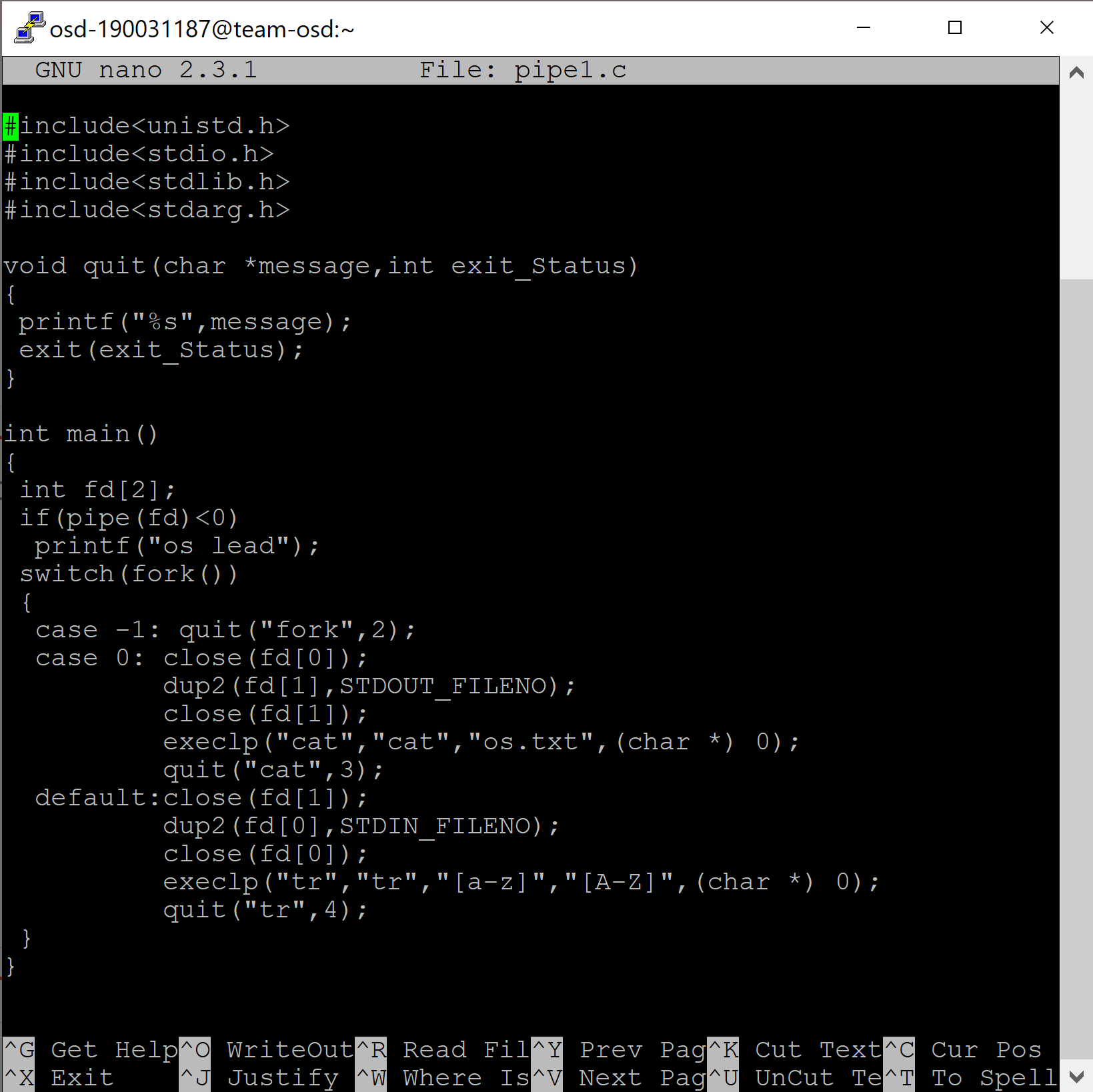
**Deadlock scenario for link**.



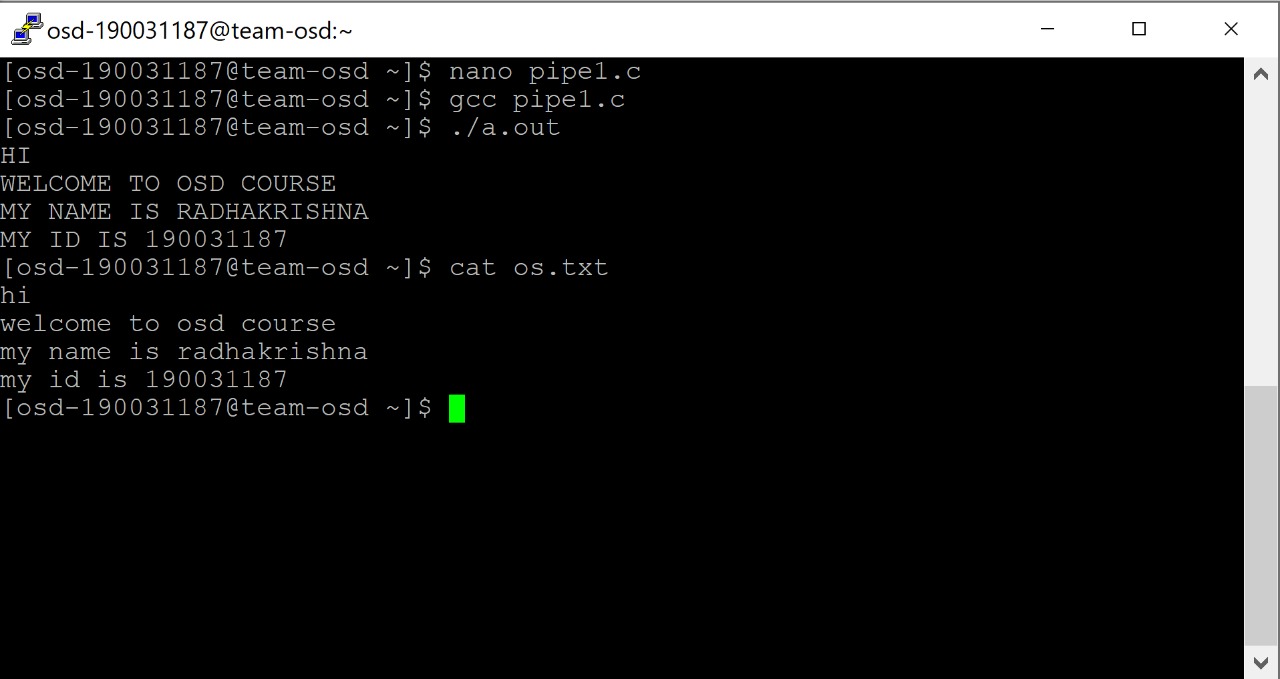


**In-Lab:**

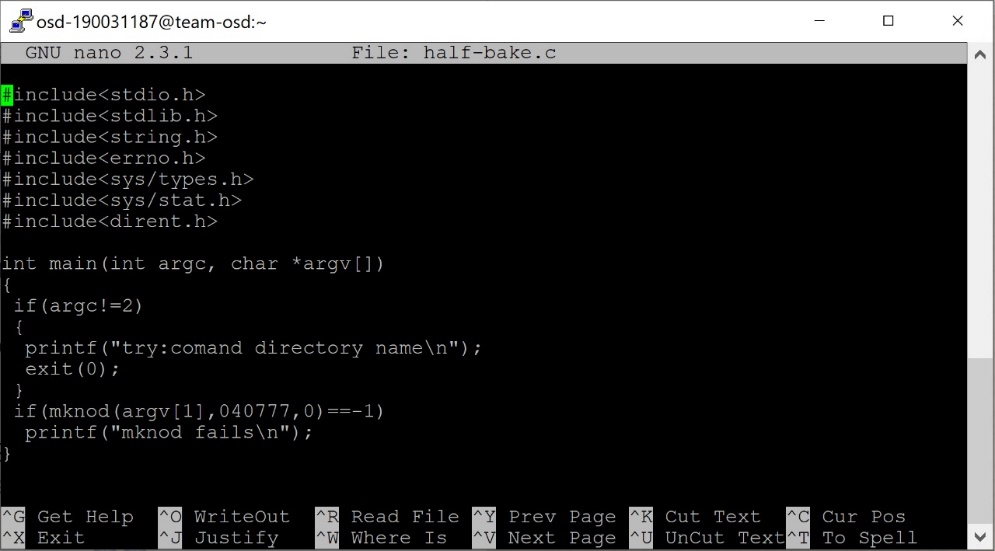
1. **pipe.c**: Runs two programs in a pipeline Child runs cat, parent runs tr



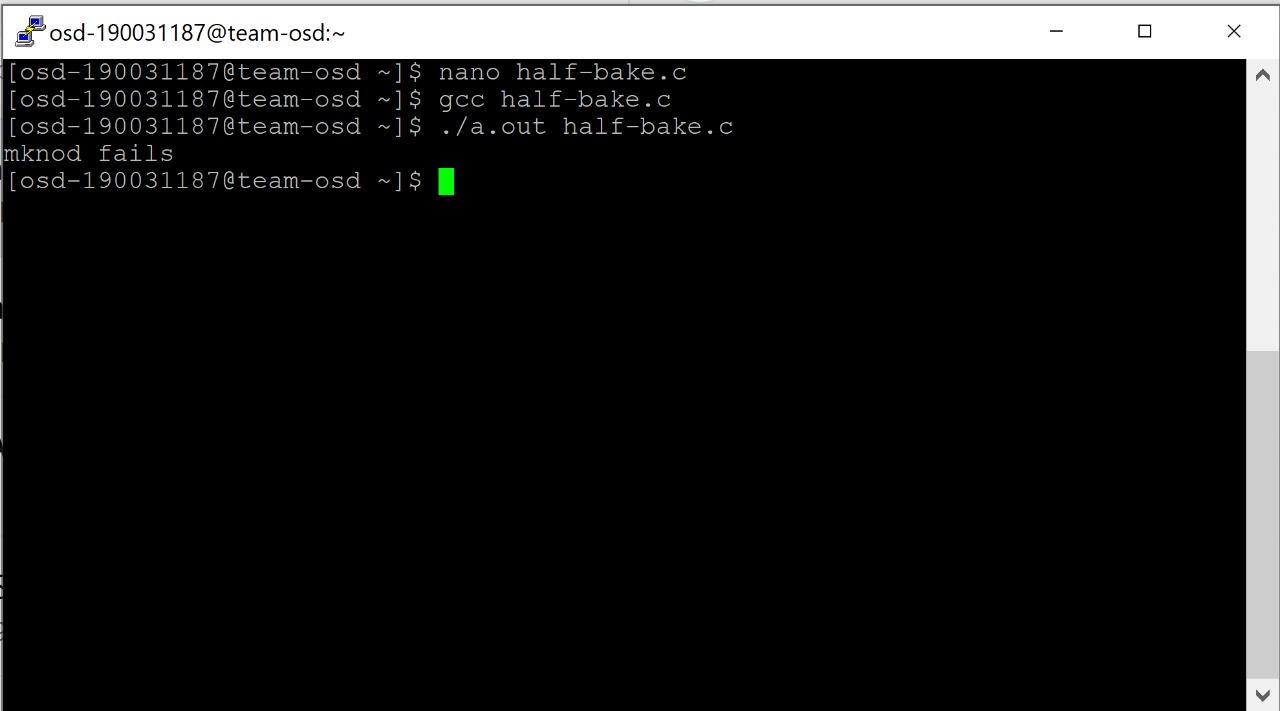
**OUTPUT**



1. A half-baked directory using mknod.

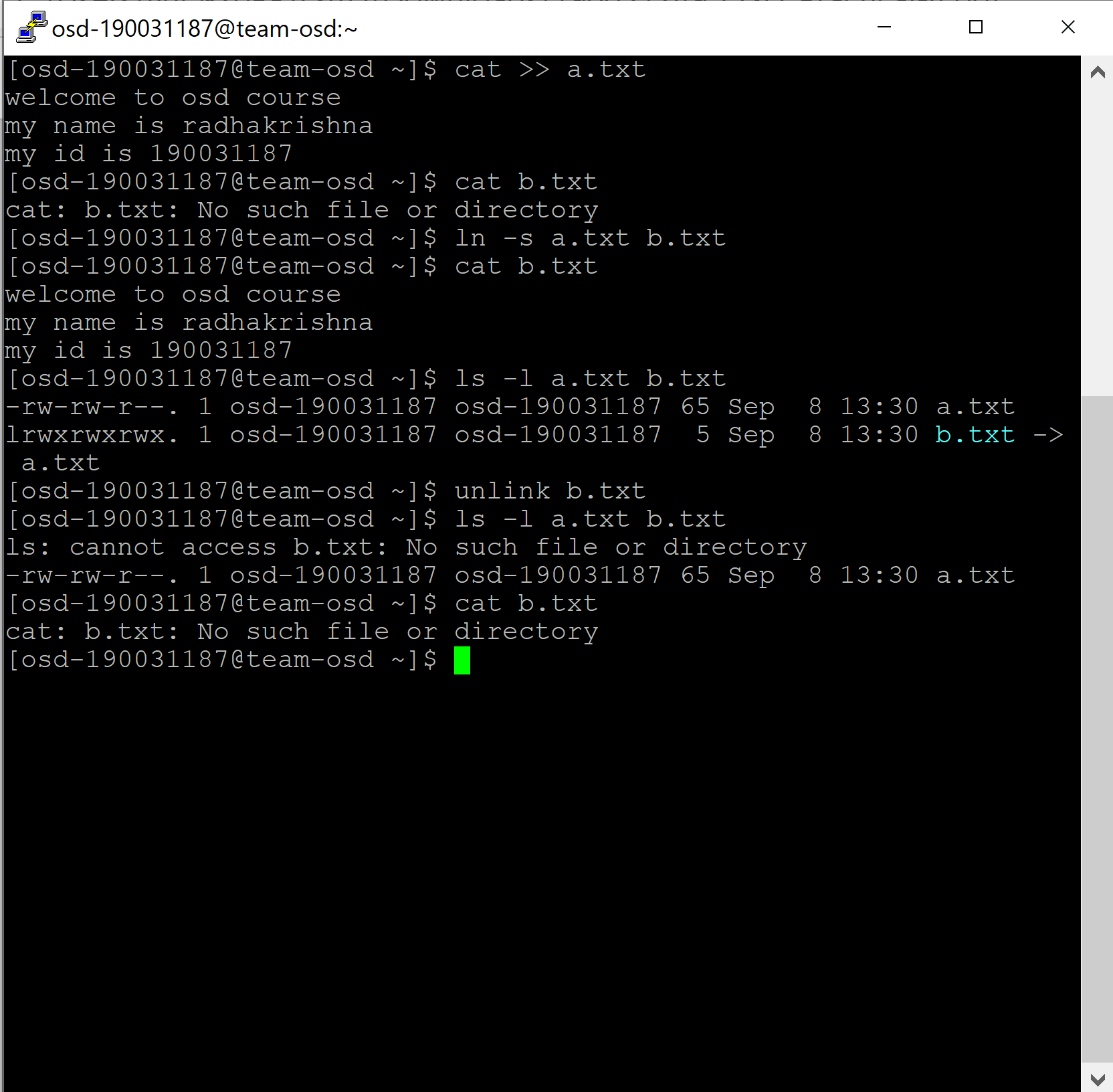


**OUTPUT**

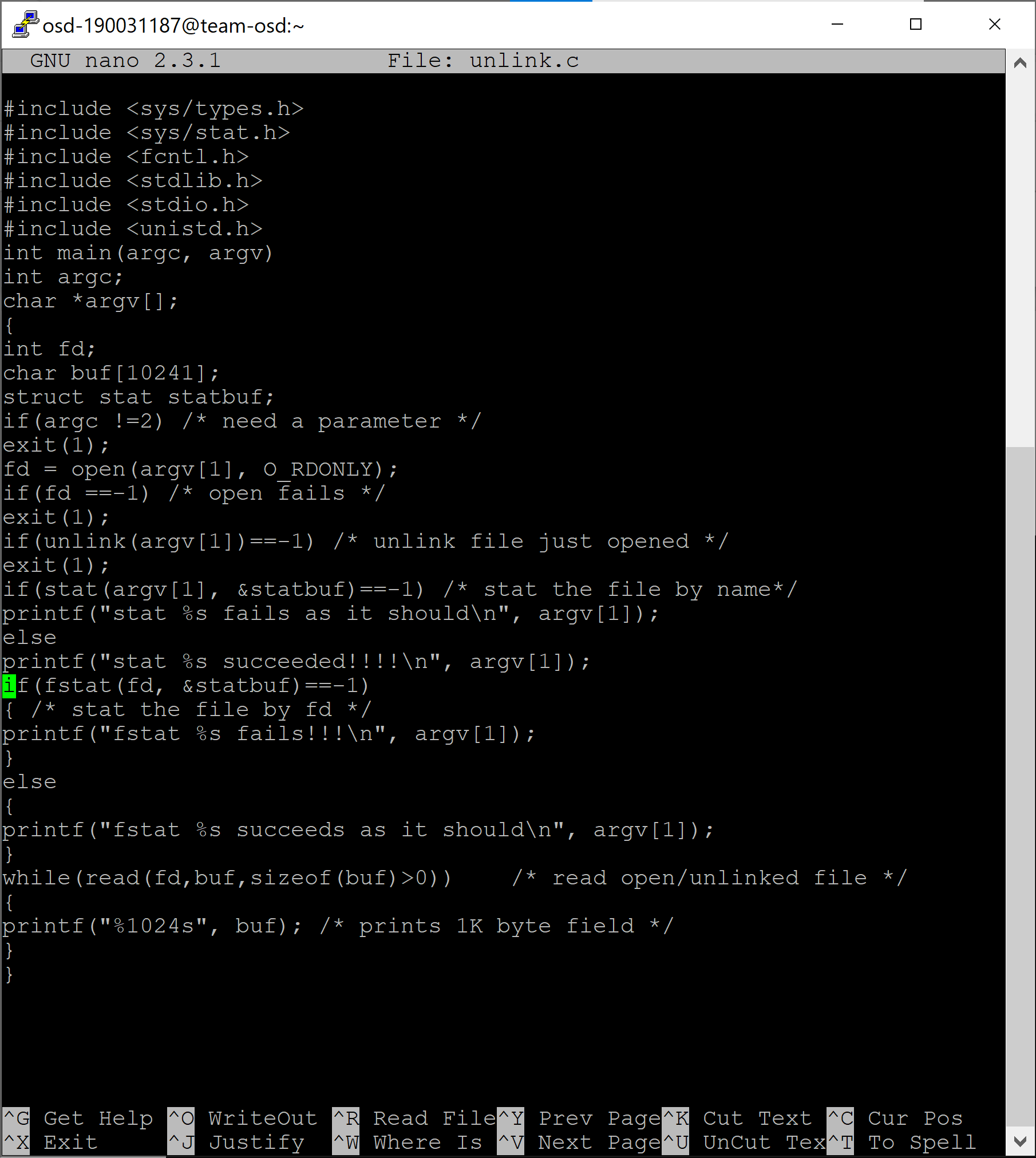


**Post-Lab:**

1. mylink.c -- create the filename "another.txt" and link it to the other file. Later delete it using unlink.



1. Unlinking an opened file



**OUTPUT**

