UNIX SYSTEMS PROGRAMMING AND COMPILER DESIGN LABORATORY

5. b) Write a C / C++ program to emulate the unix **ln** command

- Objective : emulate UNIX link **ln** command as
ln <source_file> <destination_file>

- *ln* is link command which creates a new link for a existing file
- It creates a new path name for a existing file and not a new file
- Example :

- ***ln*** command is implemented using the ***link*** API
- If linking a file is successful , the hard link count attribute of the file will be increased by 1
- In UNIX, ***link*** cannot be used to create hard links across file systems.
- ***link*** cannot be used on directory files unless it is called by a process that has superuser privileges