1. In this solution I created hard links using the command:
   -ln -s source link_name
   Through which I created a soft link called link_name to the source, usign option –s I created a symbolic link instead of an hard one.
2. I did the same as point 1 however now I moved inside directory bin through command -cd and since t1 wasn't inside my directory I needed to specify its absolute path.
3. I continued creating soft links, it seems there is no limit to the creation of symbolic links.
4. I moved inside directory ex1 and in there i called command –ls –l through which it showed a long list of all subdirectories and files, option –l allows to see their attributes, like permissions, number of links, and so on.
5. the number of links associated to each file or directory represents the number of hard-links for that file or directory. In this case since those I created were soft links they do not contribute to increment the counter relative to the number of links.
6. I used command –rm –r to remove the file text01 and then I displayed the content of t4 through command –cat. Obviously it doesn't work because they are soft link thus they are files containing a pointer to the file and not like an hard link pointer to the Inode, then if I remove (like in this case t4) the file they are pointing to, tehy became obsolete because are pointing to a file that doesn't exist anymore.
7. To remove all files in bin with a single command I used command –rm with option –R which descends inside directory bin removes all files and directories contained in bin recursively and then asks if I want to delete even directory bin, which I don't remove.