***Task:***

1. Create a file with .txt extension (/home/demo.txt). Change the permission set of that file, so that any user can read it, group can read/write & owner can read/write/execute it.

***Solution:***

#switching to root to acquire the path /home

sudo -s

cd ..

# Create a file with .txt extension (/home/demo.txt).

touch demo.txt

ls -l

# Change the permission set of that file, so that any user can read it, group can read/write & owner can read/write/execute it.

chmod 764 demo.txt

# Explanation of chmod 764:

# 7 (Owner) → Read (4) + Write (2) + Execute (1) = rwx

# 6 (Group) → Read (4) + Write (2) = rw-

# 4 (Others) → Read (4) = r--

# list the files in current directory

ls -l

***Solution:***