

6. Use the secure copy (scp) tool to copy files from host machine to target machine and vice versa.

- Copy file from host machine to BBB board

\$ scp -r <file name> deabian@192.168.7.2 :~/.

```
desd@desd-OptiPlex-5050:~/beaglebone$ scp -r staticlib/ makefile debian@192.168.7.2:~/.  
Debian GNU/Linux 12  
  
BeagleBoard.org Debian Bookworm IoT Image 2023-10-07  
Support: https://bbb.io/debian  
default username:password is [debian:tempwd]  
  
debian@192.168.7.2's password:  
main.c 100% 375 78.2KB/s 00:00  
main.o 100% 68KB 2.1MB/s 00:00  
makefile 100% 303 70.0KB/s 00:00  
a.out 100% 1073KB 2.4MB/s 00:00  
find_tan.a 100% 24KB 2.3MB/s 00:00  
find_tan.o 100% 24KB 2.4MB/s 00:00  
find_tan.c 100% 96 24.5KB/s 00:00  
main.c 100% 375 87.3KB/s 00:00  
main.o 100% 51KB 2.8MB/s 00:00  
a.out 100% 485KB 3.6MB/s 00:00  
find_tan.a 100% 21KB 2.4MB/s 00:00  
find_tan.o 100% 20KB 2.2MB/s 00:00  
Makefile 100% 328 84.7KB/s 00:00  
find_tan.c 100% 96 21.8KB/s 00:00  
Makefile 100% 78 18.2KB/s 00:00  
makefile 100% 154 35.6KB/s 00:00
```

- Copy file from host machine to BBB board

\$ scp -r <file name> desd@192.168.7.1

```
debian@BeagleBone:~$ scp -r main.c desd@192.168.7.1:~/.  
ssh: connect to host 192.168.7.1 port 22: Connection refused  
scp: Connection closed
```