

```
andi@ThinkPadAndi:~/fabio/aufgaben/aufgabe1$ mkdir ~/linux_essentials-3.1
cd ~/linux_essentials-3.1
mkdir compression archiving
cd compression
cat /etc/* > bigfile 2> /dev/null
andi@ThinkPadAndi:~/linux_essentials-3.1/compression$ cp bigfile bigfile2
cp bigfile bigfile3
cp bigfile bigfile4
ls -lh
total 1.2M
-rw-r--r-- 1 andi andi 288K May  9 12:17 bigfile
-rw-r--r-- 1 andi andi 288K May  9 12:18 bigfile2
-rw-r--r-- 1 andi andi 288K May  9 12:18 bigfile3
-rw-r--r-- 1 andi andi 288K May  9 12:18 bigfile4
andi@ThinkPadAndi:~/linux_essentials-3.1/compression$ bzip2 bigfile2
gzip bigfile3
xz bigfile4
ls -lh
total 568K
-rw-r--r-- 1 andi andi 288K May  9
```

```
12:17 bigfile
-rw-r--r-- 1 andi andi 95K May 9
12:18 bigfile2.bz2
-rw-r--r-- 1 andi andi 97K May 9
12:18 bigfile3.gz
-rw-r--r-- 1 andi andi 83K May 9
12:18 bigfile4.xz
andi@ThinkPadAndi:~/linux_essentials-3.
1/compression$ bunzip2 bigfile2.bz2
gunzip bigfile3.gz
unxz bigfile4.xz
ls -lh
total 1.2M
-rw-r--r-- 1 andi andi 288K May 9
12:17 bigfile
-rw-r--r-- 1 andi andi 288K May 9
12:18 bigfile2
-rw-r--r-- 1 andi andi 288K May 9
12:18 bigfile3
-rw-r--r-- 1 andi andi 288K May 9
12:18 bigfile4
andi@ThinkPadAndi:~/linux_essentials-3.
1/compression$ cp /etc/hosts ./
gzip hosts
zcat hosts.gz
# This file was automatically generated
by WSL. To stop automatic generation of
```

this file, add the following entry to  
/etc/wsl.conf:

```
# [network]
```

```
# generateHosts = false
```

```
127.0.0.1      localhost
```

```
127.0.1.1      ThinkPadAndi.
```

```
ThinkPadAndi
```

```
192.168.178.64 host.docker.internal
```

```
192.168.178.64 gateway.docker.internal
```

```
127.0.0.1
```

```
kubernetes.docker.internal
```

```
# The following lines are desirable for  
IPv6 capable hosts
```

```
::1      ip6-localhost ip6-loopback
```

```
fe00::0 ip6-localnet
```

```
ff00::0 ip6-mcastprefix
```

```
ff02::1 ip6-allnodes
```

```
ff02::2 ip6-allrouters
```

```
andi@ThinkPadAndi:~/linux_essentials-3.
```

```
1/compression$ cd
```

```
~/linux_essentials-3.1
```

```
tar cf archiving/3.1.tar compression
```

```
andi@ThinkPadAndi:~/linux_essentials-3.
```

```
1$ tar -tf 3.1.tar
```

```
tar: 3.1.tar: Cannot open: No such file
```

or directory

tar: Error is not recoverable: exiting now

andi@ThinkPadAndi:~/linux\_essentials-3.

1\$ ls -l

total 8

drwxr-xr-x 2 andi andi 4096 May 9

12:22 archiving

drwxr-xr-x 2 andi andi 4096 May 9

12:21 compression

andi@ThinkPadAndi:~/linux\_essentials-3.

1\$ cd archiving/

andi@ThinkPadAndi:~/linux\_essentials-3.

1/archiving\$ tar -tf 3.1.tar

compression/

compression/bigfile4

compression/bigfile2

compression/bigfile3

compression/bigfile

compression/hosts.gz

andi@ThinkPadAndi:~/linux\_essentials-3.

1/archiving\$ cd

~/linux\_essentials-3.1/compression

ls

tar -czf gzip.tar.gz bigfile bigfile2

bigfile3

tar -cjf bzip2.tar.bz2 bigfile bigfile2

```
bigfile3
tar -cJf xz.tar.xz bigfile bigfile2
bigfile3
ls -l | grep tar
bigfile  bigfile2  bigfile3  bigfile4
hosts.gz
-rw-r--r-- 1 andi andi 127711 May  9
12:25 bzip2.tar.bz2
-rw-r--r-- 1 andi andi 297022 May  9
12:25 gzip.tar.gz
-rw-r--r-- 1 andi andi  85016 May  9
12:25 xz.tar.xz
andi@ThinkPadAndi:~/linux_essentials-3.
1/compression$
```