File Compression

- Compression and Decompressing

Compression and Decompressing

Get file extension

```
file unknownfiletype.bin
```

```
unknownfiletype.bin: gzip compressed data, was “data2.bin”, last modified: Thu May 7 18:14:30 2020, max compression, from Unix
```

Decompress

Decompress Tarball

```
tar xf file3.tar
```

Extract .tar.gz file to current working directory and print output:

```
tar -xvf file4.tar.gz
```

Decompress gzip

```
gzip -d file.gz
```

Decompress bzip2

```
bzip2 -d file2.bz2
```

Decompress .tar.gz file with gzip:

```
gzip -d file5.tar
```

compress

using tar

```
tar czf <archive name>.tar.gz <file(s) or location(s)>
```

Using gzip

Compressing Files with gzip

```
gzip filename
```

Compressing Files with gzip. Keep the original file

```
gzip -k filename
```

Compress multiple files

```
gzip file1 file2 file3
```

using bzip2

```
bzip2 -z file.txt
```