

# 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
```

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