

Compression Assignment

Summary table for each file

S.no	File	Compression Ratio	Time to compress	Time to decompress
1	mobyDick	0.6403144705290891	56 milliseconds	330 milliseconds
2	genomeVirus	0.3188008408737775	1 millisecond	15 milliseconds
3	medTale	0.5985947646103896	2 milliseconds	18 milliseconds
4	testingFile	0.6268399557559772	2 milliseconds	16 milliseconds

The method **myassert(orgStr.equals(d))** compares the original string to the string obtained by the **decompress()** method. For each file, this assertion resulted true, i.e., the files were accurately decompressed.