Problem: Implement your own simple non-binary based algorithm to compress a file. Also implement a decompressor. Give a comparison chart between standard compressors and yours on speed and efficiency.

Command format
```
program  encode  <input>
program  decode  <input>
```

Testing Method:
Test your code on smaller size text files and decode it back.

Final Testing:
Input can be a text file ranging from a few KBs to 4GB. That's a hint to avoid reading all of the file once.

Important Notes:
Shouldn't use standing encodings functions or libraries. The idea is to test fundamentals.

Problem Link