LZW + AAC

Encoding:

* First step of the code is simply creating a file “input.txt”, that has the input for compressing.
* Then we apply the LZW technique, starting with a 256-dictionary size that expands later.
* The compressed data is saved in “compressed1.lzw”.
* The dictionary and the indexes are saved in “inter.txt”.
* After that we apply AAC to the “compressed1.lzw” file, creating a new file called “compressed.bin”.
* Last step of encoding is creating “compressed.txt” file that contains the binary presentation of “compressed.bin”

Decoding:

* We apply the AAC decoding on “compressed.bin” and we save the results in “decompressed.lzw”.
* Then we decode using the LZW decoding technique and we save the results in “output.tx”.

References:

<https://github.com/adityagupta3006/LZW-Compressor-in-Python>

<https://github.com/nayuki/Reference-arithmetic-coding>