Step1: add text to test.txt to compress

Step2: run the following commands in terminal.

Step3: Run “compressor.cpp” to compress test.txt

Step4: “test_compressed.rle” will be generated

Step5: Run “decompressor.cpp” to decompress “test_compressed.rle”

Step6: “test_decopressed.txt” will be generated

Note –

- To compress any other file go to compress.cpp and update the name of the file in main function
- Here size of compressed file is more than original file due to following reasons –
    - Huffman coding was not used to further compress the file
    - By using BWST as per procedure given in paper the Sbwst string further increased the size of the after compression. **We were forced to use this string as the inverse was only possible for this string.**
- The compressor works fine if use divsufsort in way that it takes first character of permutation after lexicographically sorting instead of last character.

    Eg = **“abraca”** if converted to **“aaabcr”** format using **divsufsort** and then compressed gives better results.(but its inverse is not possible so it was not used)

    But **“abraca”** if converted to **“carrab”** format using BWST, then compression gives worst result.(but its inverse is possible)