

Huffman Coding

Report

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Question 1

Are you using min-heap in your implementation?

A. Yes

Question 2

What is the size of the compressed file after compressing the sample input file provided with the assignment?

A.

Size of the original file :- 10 KB

Size of the compressed file :- 3 KB

Question 3

Describe the format of the metadata that is stored in the compressed file.

A. The metadata is the first line of the compressed file

- The first line contains space-separated characters and number
 - The first number is the number of bits in the encoded file
 - Then, there are space-separated pairs of character with there frequency
 - Bits char1 freq1 char2 freq2 ... charN freqN
- From the second line the decoded message is present