

Auxiliary Document

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Github repo: <https://github.com/rdass1/HuffmanCoding-Decoding>

Live demo: <https://rdass1.github.io/HuffmanCoding-Decoding/>

1. Download the Zip File OR go to <https://rdass1.github.io/HuffmanCoding-Decoding/>
2. Move the Zip file to the Desktop and Extract the Zip Files
3. Once you click on the zip file, There will be a file called index.HTML
4. Click on index.HTML
5. That will be our website
6. If you have text files already, click the button **Choose Files** underneath **Encoding** if you want to encode the file first
7. Click on your preferred text file with characters only
8. After, it will show up in the text box underneath **Encoding**
9. It will also show a binary tree at the right of your screen.
10. Underneath the text box, the encoding code will show below and it will also provide a table.
11. Click **Download Encoded File**
12. It will proceed to download the text file but it will be encoded
13. In the **Decoding** Section below, click the button **Choose Files**
14. Choose the encoded file that you just downloaded
15. After, it will show up in the text box underneath **Decoding**
16. The **Decoder Output** will show above the binary textbox, the decoded text.
17. You can also download the decoded file
18. If you want to decode text files that you have already have, you press **Choose Files** underneath **Decoding**
19. Click on your preferred text file with binary numbers only
20. The decoding code will show above the binary textbox
21. Click **Download Decoded File**
22. It will proceed to download the decoded file
23. Repeat Step 6 but click the decoded file that you downloaded
24. Steps 8-10 will happen
25. If you want to make your own file, you can type in anything you like (Ex: Mississippi River) in the text box below **Encoding**
26. Once you have finished typing, click **Download Encoded File**
27. The website will ask you how to name the file
28. As you named the file and click ok, it will automatically proceed to download the file
29. For the **Decoding** section, you can also type binary numbers in the text box (ex: 1101101) below **Decoding**
30. Once you have finished typing, click **Download Decoded File**
31. Repeat steps 20-21