

BURROW'S-WHEELER TRANSFORM ALGORITHM

EXECUTION

(USING C)

INPUT-1: EMPTY STRING

OUTPUT-1:

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D:\DAA PROJECT SEM4\BWT: x + v
Choose input option:
1. Enter text manually
2. Input text from file
1
Enter the text: ""
Burrows-Wheeler Transform: ""

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Process exited after 4.21 seconds with return value 0
Press any key to continue . . . |

```

INPUT-2: REPEATED CHARACTER AS STRING

OUTPUT-2:

[illegible]

INPUT-3: ALPHANUMERIC DATA

OUTPUT-3:

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D:\DAA PROJECT SEM4\BWT: x + -
Choose input option:
1. Enter text manually
2. Input text from file
2
Enter the filename containing the text: Alphanumericdata.txt
Burrows-Wheeler Transform: 1jjjjjjkkkkkkmmmmmmxxxxxyyyyyyjaaaaaabbbbbdddddnooooooppppprrrrrrzzzzzeffffffgggggllllljjkkkkklllllmmmmnnstttttuuuuu
wwwwwwwxyyyyyabbbbccccceeeeeooppqpqqqsssssszzzzzaaaafggggggghhhhhjjjjjklilllmmmmmoootuuuuuvvvvvvxxxxxyccccccdddddffffffgqqqqqrrrrrr
tttttzaaaaabbbbghhhhhhhiiiiikkkkklmmmmnnnnnnpppppuvvvvvwwwwwwwyyycddddddeeeeeegggggrrrrrrssssssuuuuuzzzzzccccchiiiiijjjjjlllllmmnnnnno
oooooqqqqqwwwwwwxxxxxdeeeeeeffffffhhhhhrssssstttttvvvvv6888888122222444446666661111134444411111333333566666888883333355555791111155555
7777777999999923333377777999999222224555552222244444467777799999994444466666688888880222226666668888880000024444400000022222466666888882222
244444468000000444446666668888812222266666688888111113444441111133333356666688888333335555579111115555577777999999233333777779999992222245
555522222444444677777899999944444666666888880222226666668888800000244444000000222224666666
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Process exited after 15.39 seconds with return value 0
Press any key to continue . . .
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