

CPTS 471 Assignment 2 Report
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1. CPU i7 8700k
Clockrate 3.7GHz
RAM 28GB

2.

Input	Time
s1	0ms
s2	0ms
chr12	1543 ms
Covid_Austrailia	9 ms
Covid_Brazil	9 ms
Covid_India	9 ms
Covid_USA-CA4	9 ms
Covid_Wuhan	9 ms
Human-BRCA2-cds	3 ms
Opsin1_colorblindness_gene	0ms

3. Yes the performance does meet expectations. None of the times ran stand out as taking an extraordinary amount of time to build with an increase in input size.
4. In general the memory used per input byte is around 100 bytes because each suffix tree node contains 4 pointers and 3 integers, as well as other overhead such as function pointers
5. BWT information can be found in the output folder
6. Longest common matches can be found in the output folder. The longest common matches are found by searching for the deepest internal node. This node represents the end of the longest repeated substring