

AI LAB-3 Document

whatToPerform = BACK

INPUT FILE	Time Required	No Of Backtracking
input0.txt	0m0.032s	2
input1.txt	0m0.031s	0
input2.txt	0m0.286s	0
input3.txt	0m0.039s	0
input4.txt	0m0.036s	0
input5.txt	0m0.124s	0
input6.txt	0m0.110s	0
input7.txt	0m0.572s	0

whatToPerform = MAC

INPUT FILE	Time Required	No Of Backtracking
input0.txt	0m0.032s	0
input1.txt	0m0.033s	0
input2.txt	0m0.292s	0
input3.txt	0m0.042s	0
input4.txt	0m0.037s	0
input5.txt	0m0.127s	0
input6.txt	0m0.128s	0
input7.txt	0m0.580s	0

whatToPerform = BACKnoAC3

INPUT FILE	Time Required	No Of Backtracking
input0.txt	0m0.033s	24
input1.txt	0m1.702s	3607
input2.txt	2m54.881s	27465
input3.txt	0m0.047s	337
input4.txt	0m1.664s	3607
input5.txt	0m38.707s	7275
input6.txt	0m2.880s	2573
input7.txt	26m39.601s	54864

whatToPerform = MACnoAC3

INPUT FILE	Time Required	No Of Backtracking
input0.txt	0m0.031s	0
input1.txt	0m0.038s	0
input2.txt	0m0.328s	0
input3.txt	0m0.028s	0
input4.txt	0m0.037s	0
input5.txt	0m0.154s	0
input6.txt	0m0.091s	0
input7.txt	0m0.858s	0