

January 2020 CSE208: Data Structures and Algorithms II Sessional

Offline on Branch and Bound technique

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Name of the Graph	# of cities	Optimal Solution	Exact algorithm		BnB algorithm	
		Distance	Distance	Time (s)	Distance	Time (s)
data10	10	212	212	1.876	212	0.003
data11	11	202	202	21.574	202	0.004
data12	12	264	264	325.158	264	0.003
data13	13	269	N/A	N/A	269	0.004
data14	14	125	N/A	N/A	125	0.004
data15	15	291	N/A	N/A	291	0.036
data16	16	156	N/A	N/A	156	0.139
data17	17	2085	N/A	N/A	2085	246.5
data18	18	187	N/A	N/A	187	0.166
rby1599	1599	N/A	N/A	N/A	N/A	N/A
xqf131	131	N/A	N/A	N/A	N/A	N/A
xqg237	237	N/A	N/A	N/A	N/A	N/A
dj38	38	N/A	N/A	N/A	N/A	N/A
wi29	29	N/A	N/A	N/A	N/A	N/A