

Assignment 2

Runar Fosse

Instance: Call_7_Vehicle_3				
	Average objective	Best objective	Improvement (%)	Running time
Random Search	1410480.20	1134176.00	65.022906 %	1.646 s
Best solution: [4, 4, 2, 2, 0, 7, 7, 0, 1, 5, 5, 3, 3, 1, 0, 6, 6]				

Instance: Call_18_Vehicle_5				
	Average objective	Best objective	Improvement (%)	Running time
Random Search	5823937.20	4813395.00	46.277767 %	0.992 s
Best solution: [15, 1, 15, 12, 1, 12, 0, 9, 5, 5, 9, 13, 13, 0, 8, 18, 18, 8, 0, 17, 17, 0, 10, 10, 0, 2, 2, 3, 3, 4, 4, 6, 6, 7, 7, 11, 11, 14, 14, 16, 16]				

Instance: Call_35_Vehicle_7				
	Average objective	Best objective	Improvement (%)	Running time
Random Search	17986369.00	14373301.00	21.832494 %	1.208 s
Best solution: [12, 12, 27, 27, 0, 32, 32, 0, 9, 9, 31, 31, 0, 5, 5, 0, 25, 25, 0, 11, 18, 11, 18, 0, 1, 1, 0, 2, 2, 3, 3, 4, 4, 6, 6, 7, 7, 8, 8, 10, 10, 13, 13, 14, 14, 15, 15, 16, 16, 17, 17, 19, 19, 20, 20, 21, 21, 22, 22, 23, 23, 24, 24, 26, 26, 28, 28, 29, 29, 30, 30, 33, 33, 34, 34, 35, 35]				

Instance: Call_80_Vehicle_20				
	Average objective	Best objective	Improvement (%)	Running time
Random Search	46770347.00	46770347.00	0.000000 %	2.235 s
Best solution: [0, 1, 1, 2, 2, 3, 3, 4, 4, 5, 5, 6, 6, 7, 7, 8, 8, 9, 9, 10, 10, 11, 11, 12, 12, 13, 13, 14, 14, 15, 15, 16, 16, 17, 17, 18, 18, 19, 19, 20, 20, 21, 21, 22, 22, 23, 23, 24, 24, 25, 25, 26, 26, 27, 27, 28, 28, 29, 29, 30, 30, 31, 31, 32, 32, 33, 33, 34, 34, 35, 35, 36, 36, 37, 37, 38, 38, 39, 39, 40, 40, 41, 41, 42, 42, 43, 43, 44, 44, 45, 45, 46, 46, 47, 47, 48, 48, 49, 49, 50, 50, 51, 51, 52, 52, 53, 53, 54, 54, 55, 55, 56, 56, 57, 57, 58, 58, 59, 59, 60, 60, 61, 61, 62, 62, 63, 63, 64, 64, 65, 65, 66, 66, 67, 67, 68, 68, 69, 69, 70, 70, 71, 71, 72, 72, 73, 73, 74, 74, 75, 75, 76, 76, 77, 77, 78, 78, 79, 79, 80, 80]				

