

			1.0418	558616.069786605	
		A* w Ma	nhattan-1		
	Start	Destination	Average Time Taken (in milliseconds)	Average Memory Used (in Bytes)	Distance Traveled (in Kilometers)
1	Eddy Hall	Frontier Hall	1.5950	1038476.57471264	1.6195
2	-	11010101	1.7670	1017042.63636364	110190
3			1.7950	1014382.59770115	
4			1.9050	1016036.68965517	
5			1.8950	1013138.25287356	
6			1.8000	990929	
7			1.8410	1002767.2244898	
8			1.7540	1013906.66666667	
9			1.5710	1014457.47126437	
10			1.8410	1014579.72413793	
11			1.8110	1014620.96551724	
12			1.9960	976055.761904762	
13			1.8430	977094.137931034	
14			1.8590	976359.754385965	
15			1.8890	1015662.58227848	
16			1.7140	1015586.70454545	
17			1.8160	1014639.72727273	
18			1.7870	1014796.25	
19			1.8640	1014107.31818182	
20			1.7800	1013623.88505747	
			36.1230	20168263.9249399	
			1.8062	1008413.196247	
		A* w Ma	nhattan-2		
	Start	Destination	Average Time Taken (in milliseconds)	Average Memory Used (in Bytes)	Distance Traveled (in Kilometers)
1	Walter Library (main door)	Boynton Health Service	1.8410	859520.15625	0.50063
2			1.9260	995650.409090909	
3			1.9700	958220.765957447	
4			1.4770	1014456.90666667	
5			1.6670	1015196.38636364	
6			1.6210	1014344.45977012	
	1				

1.8160 1015179.27272727

1.6310 1014463.54545455

1.7210 1015529.72413793

1.6450 1015625.31818182

1.6070 1014975.25

1.8590 1015871.79310345

1.5350 1015566.70454545

1.5680 1015762.84090909

1.5950 1014052.22988506

1.7530 1017229.95402299

1.9220 813248.666666667

1.8160 1014970.025

1.5080 1016784.31818182

1.5000 1016292.04597701

33.9780 19872940.7728919

1.6989 993647.038644595

	A* w Ha	aversine		
rt	Destination	Average Time Taken (in milliseconds)	Average Memory Used (in Bytes)	Distance Traveled (in Kilometers)
derson Hall	University Recreation and Wellness Center	1.3200	661613.891304348	1.1913
		1.2160	625172.328767123	
		1.2450	583455.205882353	
		1.1250	583628.835820896	
		1.1600	582120.486486487	
		1.3260	587750.25	
		1.1150	590347.849462366	
		1.2220	590800.521739131	
		1.0790	590964.408602151	
		1.1950	591458.258064516	
		0.99600	589866.086956522	
		1.1150	592012.23655914	
		0.89000	591106.322580645	
		0.87700	591031.741935484	
		1.2760	589473.010752688	
		1.1710	589899.913043478	
		0.88100	587350.635294118	
		0.93400	590425.032258065	
		1.0530	591364.623655914	
		1.1340	591277.97826087	
		22.3300	11891119.6174263	
		1.1165	594555.980871315	
	A* w Ha	versine-1		
rt	Destination	Average Time Taken (in milliseconds)	Average Memory Used (in Bytes)	Distance Traveled (in Kilometers)

1.7490 1021693.40909091

1.8310 1020266.75

1.7610 1021987.36363636

1.7170 1021537.54545455

1.8390 1020416.56818182

1.6800 1023330.31818182

1.7730 1018789.5

1.8840 1021155.05747126

1.9110 1018972.5

2.0080 1020271.37931034

1.8410 1020552.22988506

1.9120 1021787.05747126

1.7560 1021662.20454545

1.8880 1023336.5

1.7920 1019970

37.9050 20237225.4334398

1.8953 1011861.27167199

rage			1.1165	594555.980871315	
		A* w Ha	versine-1		
sult ID	Start	Destination	Average Time Taken (in milliseconds)	Average Memory Used (in Bytes)	Distance Traveled (in Kilometers)
1	Eddy Hall	Frontier Hall	2.0870	1054962.82758621	1.6195
2			1.8430	965867.590909091	
3			2.0620	995626.102564103	
4			2.0230	999049.794871795	
5			2.0740	1014798.18666667	
6			1.8260	1014052.97727273	
7			2.2710	967120.052631579	
8			1.8390	898485.170731707	
9			2.0010	1015473.78666667	
10			1.6210	1015305.6091954	
11			1.6800	1013822.48275862	
12			1.8840	1015129.01149425	
13			2.0730	1015493.49425287	
14			1.8610	1008177	
15			1.9390	986469.942857143	
16			1.9240	992438.77777778	
17			1.6660	1015145.49333333	
18			1.8510	1013707.84090909	
19			1.7000	1012140.4137931	
20			1.9930	1014062.71264368	
al			38.2180	20027329.2689158	
erage			1.9109	1001366.46344579	
		A* w Ha	versine-2		
sult ID	Start	Destination	Average Time Taken (in milliseconds)	Average Memory Used (in Bytes)	Distance Traveled (in Kilometers)
1	Walter Library (main door)	Boynton Health Service	1.9730	1058496.52873563	0.50063
2			2.0100	1024688.09195402	
3			2.8090	791207.418181818	
4			1.9540	1025506.52941176	
5			1.8170	1021598.48192771	

3			0.00300	209420	
6			0.82800	289783.58974359	
7			0.88900	289103.428571429	
8			0.74000	292222	
9			0.87900	293625.741935484	
10			0.98400	293236.595744681	
11			0.78800	294766.541666667	
12			0.95900	296852.886597938	
13			0.75700	294396.375	
14			0.61000	295030	
15			0.61200	294488.708333333	
16			0.73900	295245.208333333	
17			0.81000		
				294606.791666667	
18			0.80200	295481.6875	
19			0.72300	295279.381443299	
Z0			0.76000	289457.307692308	
Total			15.846	5879579.79062048	
Average		Proadth Fi	0.7923 rst Search-1	293978.989531024	
Result ID	Start	Destination	Average Time Taken (in milliseconds)	Average Memory Used (in Bytes)	Distance Traveled (in Kilometers)
1	Eddy Hall	Frontier Hall	1.4950	567465.52688172	1.61
2			2.1280	531333.111111111	
3			1.6230	532197.333333333	
4			1.4060	535103.170212766	
5			1.5210	533770.106382979	
6			1.3250	535358.765957447	
7			1.4310	533161.139784946	
8			1.5620		
				534079.784946237	
9			1.4560	534082.276595745	
10			1.2240	533646.936170213	
11			1.5760	536406.765957447	
12			1.5940	533278.063829787	
13			1.4320	536341.659574468	
14			1.4240	536511.893617021	
15			1.3880	532226.322580645	
16			1.4860	532052.957446809	
17			1.3720	535180.808510638	
18			1.4470	534580.150537634	
19			1.4410	533438.752688172	
20			1.1980	532565.70212766	
Total			29.5290	10712781.2282468	
Average			1.4765	535639.06141234	
		Breadth-Fi	rst Search-2		
Result ID	Start	Destination	Average Time Taken (in milliseconds)	Average Memory Used (in Bytes)	Distance Traveled (in Kilometers)
1	Walter Library (main	Boynton Health	1.4950	590547.804347826	0.500
2	door)	Service	1.9710	567618.894736842	
3			1.4150	567618.894736842	
4			1.3650	569808.709677419	
5			1.3020	570655.8709677419	
6			1.3570	569017.290322581	
	-		1.5570	20,011,270322301	

Breadth-First Search

1 Anderson Hall University Recreation

and Wellness Center

Average Time Taken (in milliseconds)

Average Memory Used (in Bytes)

Distance Traveled (in Kilometers)

0.71100 296379.587628866

0.66200 295542.577319588

0.77700 295099.917525773

0.80300 289420

1.2390 570724.150537634

 1.2730
 570779.569892473

 1.2940
 573217.204301075

1.3400 570032.23655914

1.3960 570190.193548387

1.3460 573305.225806452

1.0750 570117.806451613

1.4820 571227.032258065

1.2820 569360.387096774

1.3020 571791.52688172

1.4850 548804.485714286

1.5580 558699.076923077

1.2930 567465.139534884

1.5270 570787.247311828

27.7970 11392097.6255971

1.3899 569604.881279855

1.0130 299561.463917526 1.1910

Bidirectional Search									
Result ID	Start	Destination	Average Time Taken (in milliseconds)	Average Memory Used (in Bytes)	Distance Traveled (in Kilometers)				
1	Anderson Hall	University Recreation and Wellness Center	0.57400	85817.7373737374	1.1913				
2			0.53800	84793.0612244898					
3			0.53200	74936.6451612903					
4			0.52700	75158.347826087					
5			0.52000	74995.7171717172					
6			0.31800	75250.7234042553					
7			0.31500	74933.0752688172					
8			0.32400	74895					
9			0.40800	75149.8105263158					
10			0.33400	75033.4468085106					
11			0.51200	75122.8041237113					
12			0.53000	74940.2105263158					
13			0.46600	75305.875					
14			0.55900	74967.1304347826					
15			0.50100	75119.9130434783					
16			0.54200	75218.5306122449					
17			0.36700	74970.5979381443					
18			0.32600	75176.5773195876					
19			0.33500	75096.9462365592					
20			0.44400	74917.0416666667					
Total			8.97200	1521799.19166671					
Average			0.44860	76089.9595833355					
		Bidirection	al Search-1						
Result ID	Start	Destination	Average Time Taken	Average Memory	Distance Traveled				

erage				0.44860	76089.9595833355	
			Bidirect	ional Search-1		
sult ID		Start	Destination	Average Time Taken (in milliseconds)	Average Memory Used (in Bytes)	Distance Traveled (in Kilometers)
	1	Eddy Hall	Frontier Hall	1.7890	353523.875	1.6384
	2			2.1180	349057.142857143	
	3			1.9420	346587.068493151	
	4			1.7260	350204.148148148	
	5			1.7990	355621.538461538	
	6			1.5440	355066.208333333	
	7			1.7720	354764.958333333	
	8			1.5850	354958.708333333	
	9			1.6560	354421.791666667	
	10			1.7220	355030.821052632	
	11			1.4780	356318.5	
	12			1.4890	354448.8333333333	
	13			1.4720	356217.389473684	
	14			1.5450	355938.125	
	15			1.8680	357577.25	
	16			1.6560	357191.32631579	
	17			1.8070	357602.25	
	18			1.5860	356729.726315789	
	19			1.5450	356514.291666667	
	20			1.6290	357199.32631579	
tal				33.7280	7094973.27910033	
erage				1.6864	354748.663955017	

Bidirectional Search-2										
Result ID	Start	Destination	Average Time Taken (in milliseconds)	Average Memory Used (in Bytes)	Distance Traveled (in Kilometers)					
1	Walter Library (main door)	Boynton Health Service	0.98300	170877.510204082	1.0510					
2			1.4350	165436.314606742						
3			0.97800	170491.959183673						
4			0.92300	171253.469387755						
5			0.71300	161165.619047619						
6			0.78700	161421.431578947						
7			0.91900	161308.604651163						
8			0.86700	161253.647058824						
9			0.65800	160858.826086957						
10			0.76100	161393.25						
11			0.70700	161464.285714286						
12			0.65000	161490.163265306						
13			0.83100	161530.408163265						
14			0.81300	161763.714285714						
15			0.67200	160849.387755102						
16			0.89100	161469.306122449						
17			0.79500	161328.693877551						
18			0.68700	161745.836734694						
19			0.89800	161342.285714286						
20			0.82100	161594.408163265						
Total			16.789	3260039.12160168						
Average			0.83945	163001.956080084						

Cin milliseconds Used (in Bytes) Cin Kilometers	Dijkstra										
2 1.1090 455543.123287671 3 0.99000 445910.269662921 4 1.1240 446235.747368421 5 1.0770 447548.468085106 6 1.1030 445572.884210526 7 1.1120 445497.744680851 8 1.0140 445047.494736842 9 1.0750 445583.234042553 10 1.0990 445145.810526316 11 1.0490 445558.085106383 12 1.0540 444873.642105263 13 1.2460 446580.978723404 14 1.1260 448396.842105263 15 1.2490 444551.115789474 16 1.1130 445346.212765957 17 1.1020 445474.4 18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	esult ID	Start	Destination			Distance Traveled (in Kilometers)					
3 0.99000 445910.269662921 4 1.1240 446235.747368421 5 1.0770 447548.468085106 6 1.1030 445572.884210526 7 1.1120 445497.744680851 8 1.0140 445047.494736842 9 1.0750 445583.234042553 10 1.0990 445145.810526316 11 1.0490 44558.085106383 12 1.0540 444873.642105263 13 1.2460 446580.978723404 14 1.1260 448396.842105263 15 1.2490 444551.115789474 16 1.1130 445346.212765957 17 1.1020 445474.4 18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	1	Anderson Hall	University Recreation and Wellness Center	1.2800	466908.617021277	1.1908					
4 1.1240 446235.747368421 5 1.0770 447548.468085106 6 1.1030 445572.884210526 7 1.1120 445497.744680851 8 1.0140 445047.494736842 9 1.0750 445583.234042553 10 1.0990 445145.810526316 11 1.0490 445558.085106383 12 1.0540 444873.642105263 13 1.2460 446580.978723404 14 1.1260 448396.842105263 15 1.2490 444551.115789474 16 1.1130 445346.212765957 17 1.1020 445474.4 18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	2			1.1090	455543.123287671						
5 1.0770 447548.468085106 6 1.1030 445572.884210526 7 1.1120 445497.744680851 8 1.0140 445047.494736842 9 1.0750 445583.234042553 10 1.0990 445145.810526316 11 1.0490 44558.085106383 12 1.0540 444873.642105263 13 1.2460 446580.978723404 14 1.1260 448396.842105263 15 1.2490 444551.115789474 16 1.1130 445346.212765957 17 1.1020 445474.4 18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	3			0.99000	445910.269662921						
6 1.1030 445572.884210526 7 1.1120 445497.744680851 8 1.0140 445047.494736842 9 1.0750 445583.234042553 10 1.0990 445145.810526316 11 1.0490 445558.085106383 12 1.0540 444873.642105263 13 1.2460 446580.978723404 14 1.1260 448396.842105263 15 1.2490 444551.115789474 16 1.1130 445346.212765957 17 1.1020 445474.4 18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	4			1.1240	446235.747368421						
7 1.1120 445497.744680851 8 1.0140 445047.494736842 9 1.0750 445583.234042553 10 1.0990 445145.810526316 11 1.0490 445558.085106383 12 1.0540 444873.642105263 13 1.2460 446580.978723404 14 1.1260 448396.842105263 15 1.2490 444551.115789474 16 1.1130 445346.212765957 17 1.1020 445474.4 18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	5			1.0770	447548.468085106						
8 1.0140 445047.494736842 9 1.0750 445583.234042553 10 1.0990 445145.810526316 11 1.0490 445558.085106383 12 1.0540 444873.642105263 13 1.2460 446580.978723404 14 1.1260 448396.842105263 15 1.2490 444551.115789474 16 1.1130 445346.212765957 17 1.1020 445474.4 18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	6			1.1030	445572.884210526						
9 1.0750 445583.234042553 10 1.0990 445145.810526316 11 1.0490 445558.085106383 12 1.0540 444873.642105263 13 1.2460 446580.978723404 14 1.1260 448396.842105263 15 1.2490 444551.115789474 16 1.1130 445346.212765957 17 1.1020 445474.4 18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	7			1.1120	445497.744680851						
10 1.0990 445145.810526316 11 1.0490 445558.085106383 12 1.0540 444873.642105263 13 1.2460 446580.978723404 14 1.1260 448396.842105263 15 1.2490 444551.115789474 16 1.1130 445346.212765957 17 1.1020 445474.4 18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	8			1.0140	445047.494736842						
11 1.0490 445558.085106383 12 1.0540 444873.642105263 13 1.2460 446580.978723404 14 1.1260 448396.842105263 15 1.2490 444551.115789474 16 1.1130 445346.212765957 17 1.1020 445474.4 18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	9			1.0750	445583.234042553						
12 1.0540 444873.642105263 13 1.2460 446580.978723404 14 1.1260 448396.842105263 15 1.2490 444551.115789474 16 1.1130 445346.212765957 17 1.1020 445474.4 18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	10			1.0990	445145.810526316						
13 1.2460 446580.978723404 14 1.1260 448396.842105263 15 1.2490 444551.115789474 16 1.1130 445346.212765957 17 1.1020 445474.4 18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	11			1.0490	445558.085106383						
14 1.1260 448396.842105263 15 1.2490 444551.115789474 16 1.1130 445346.212765957 17 1.1020 445474.4 18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	12			1.0540	444873.642105263						
15 1.2490 444551.115789474 16 1.1130 445346.212765957 17 1.1020 445474.4 18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	13			1.2460	446580.978723404						
16 1.1130 445346.212765957 17 1.1020 445474.4 18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	14			1.1260	448396.842105263						
17 1.1020 445474.4 18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	15			1.2490	444551.115789474						
18 1.0860 445090.863157895 19 1.0610 446731.531914894 20 1.2110 445772.12631579	16			1.1130	445346.212765957						
1.0610 446731.531914894 20 1.2110 445772.12631579	17			1.1020	445474.4						
20 1.2110 445772.12631579	18			1.0860	445090.863157895						
	19			1.0610	446731.531914894						
22.28 8947369.19160681	20			1.2110	445772.12631579						
	otal			22.28	8947369.19160681						
verage 1.114 447368.459580341 Dijkstra-1	verage		Diiko		447368.459580341						

Result ID	Start	Destination	Average Time Taken (in milliseconds)	Average Memory Used (in Bytes)	Distance Traveled (in Kilometers)
1	Eddy Hall	Frontier Hall	4.2860	1654839.425	1.3584
2			4.9890	1461066.42622951	
3			4.3260	1608965.53246753	
4			4.2470	1610453.9	
5			4.3450	1610794.525	
6			4.2130	1610002.6	
7			4.2950	1609503.5	
8			4.3600	1608525.7	
9			4.2750	1648186.475	
10			4.3500	1649436.95	
11			4.2500	1610054.675	
12			4.2760	1609754.5	
13			4.1800	1611114.65	
14			4.2680	1557759.17241379	
15			4.2690	1611256.075	
16			4.2220	1609542.55	
17			4.1380	1609472.25	
18			4.3490	1609358.65	
19			4.2330	1608421.675	
20			4.3960	1609481.6	
Total			86.2670	32117990.8311108	
Average			4.3134	1605899.54155554	
	<u> </u>	D	rijkstra-2		1

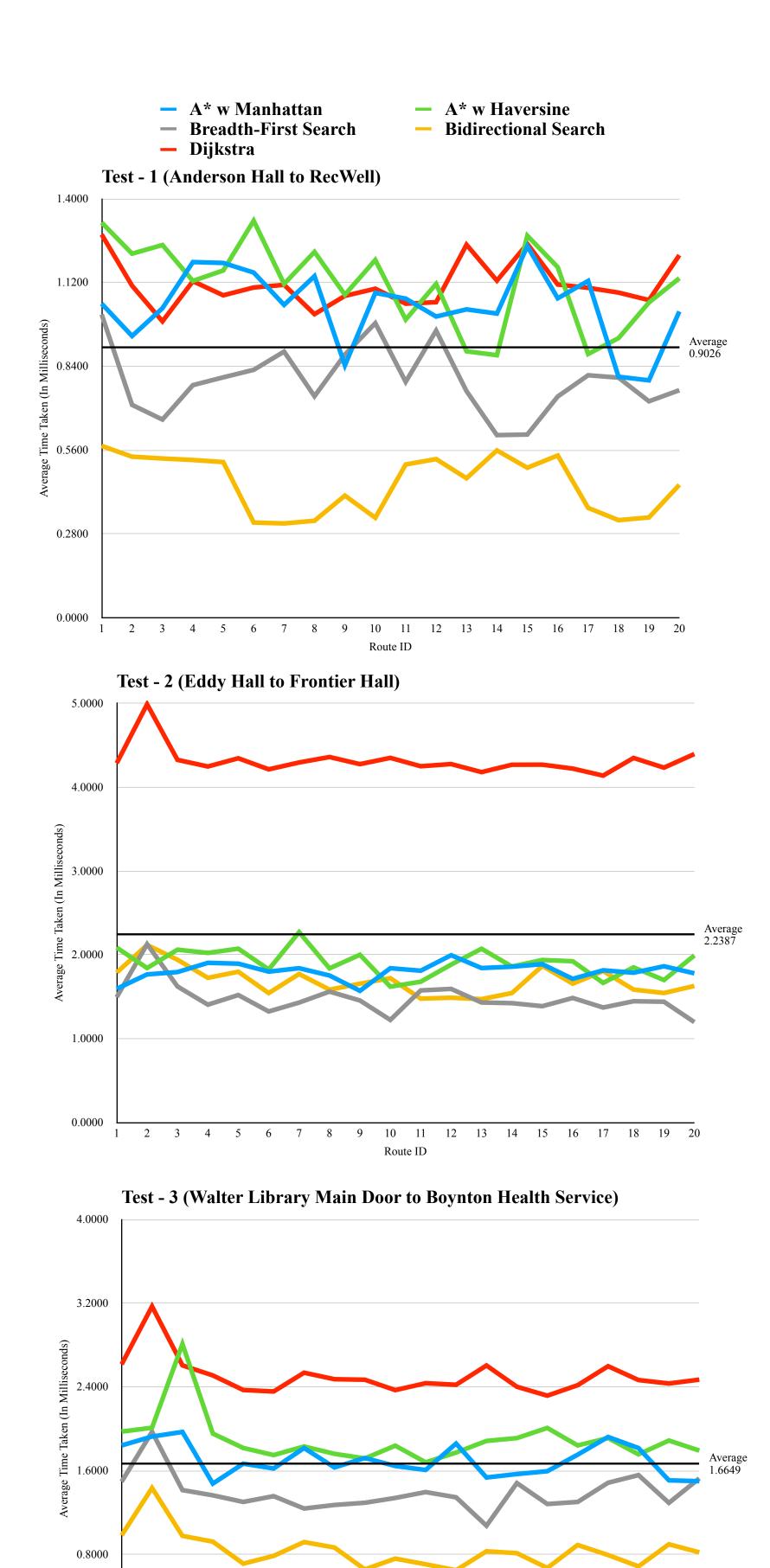
Average				4.3134	1003699.34133334				
Dijkstra-2									
Result ID		Start	Destination	Average Time Taken (in milliseconds)	Average Memory Used (in Bytes)	Distance Traveled (in Kilometers)			
	1	Walter Library (main door)	Boynton Health Service	2.6150	1028495.14942529	0.52452			
	2			3.1680	813381.307692308				
	3			2.6050	918100.862745098				
	4			2.5090	993085.306666667				
	5			2.3700	1007483.17241379				
	6			2.3560	1003864.45454545				
	7			2.5350	1008336.36363636				
	8			2.4730	1008654.54545455				
	9			2.4680	1008444.18181818				
	10			2.3690	1008598.94252874				
	11			2.4350	1003806.02298851				
	12			2.4200	1003119.38636364				
	13			2.6040	1005500.81818182				
	14			2.4010	1000849.74712644				
	15			2.3160	1005525.63218391				
	16			2.4160	1001937.68181818				
	17			2.5970	1012525.12643678				
	18			2.4650	1001619.90804598				
	19			2.4320	1007287.45454545				
	20			2.4690	1000781.84090909				
Total				50.0230	19841397.9055262				
Average				2.5012	992069.89527631				

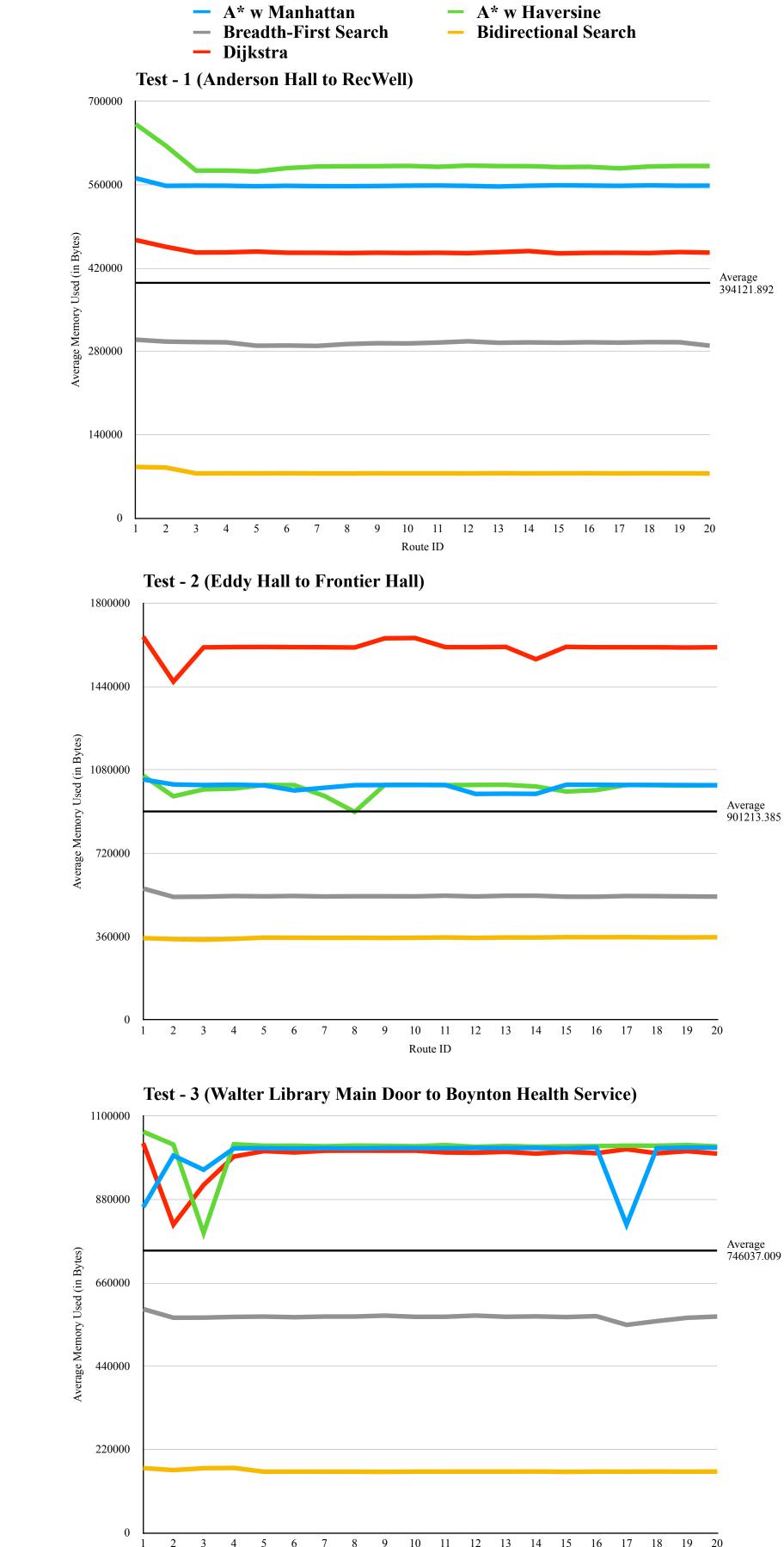
Bellman-Ford							
Result ID	Start	Destination	Average Time Taken (in milliseconds)	Average Memory Used (in Bytes)	Distance Traveled (in Kilometers)		
1	Anderson Hall	University Recreation and Wellness Center	243.62	6460210.26086957	1.19		
2			236.21	5655728.92307692			
3			234.51	5731753.6			
4			240.24	5583015.11111111			
5			243.90	6037936.66666667			
6			230.64	5738809.92			
7			234.01	5688903			
8			246.71	5846094.08695652			
9			233.56	5760558.60869565			
10			237.99	5758706.26086957			
11			220.53	5938883.66666667			
12			221.63	6726373.09090909			
13			238.20	5910728.34782609			
14			229.43	5972385.92			
15			231.61	6021828.33333333			
16			224.58	6063588			
17			221.95	5955441.5			
18			218.28	6696341.09090909			
19			218.48	6680282.54545455			
20			222.80	6704158			
Total			4628.88	120931726.933345			
Average			231.444	6046586.34666725			

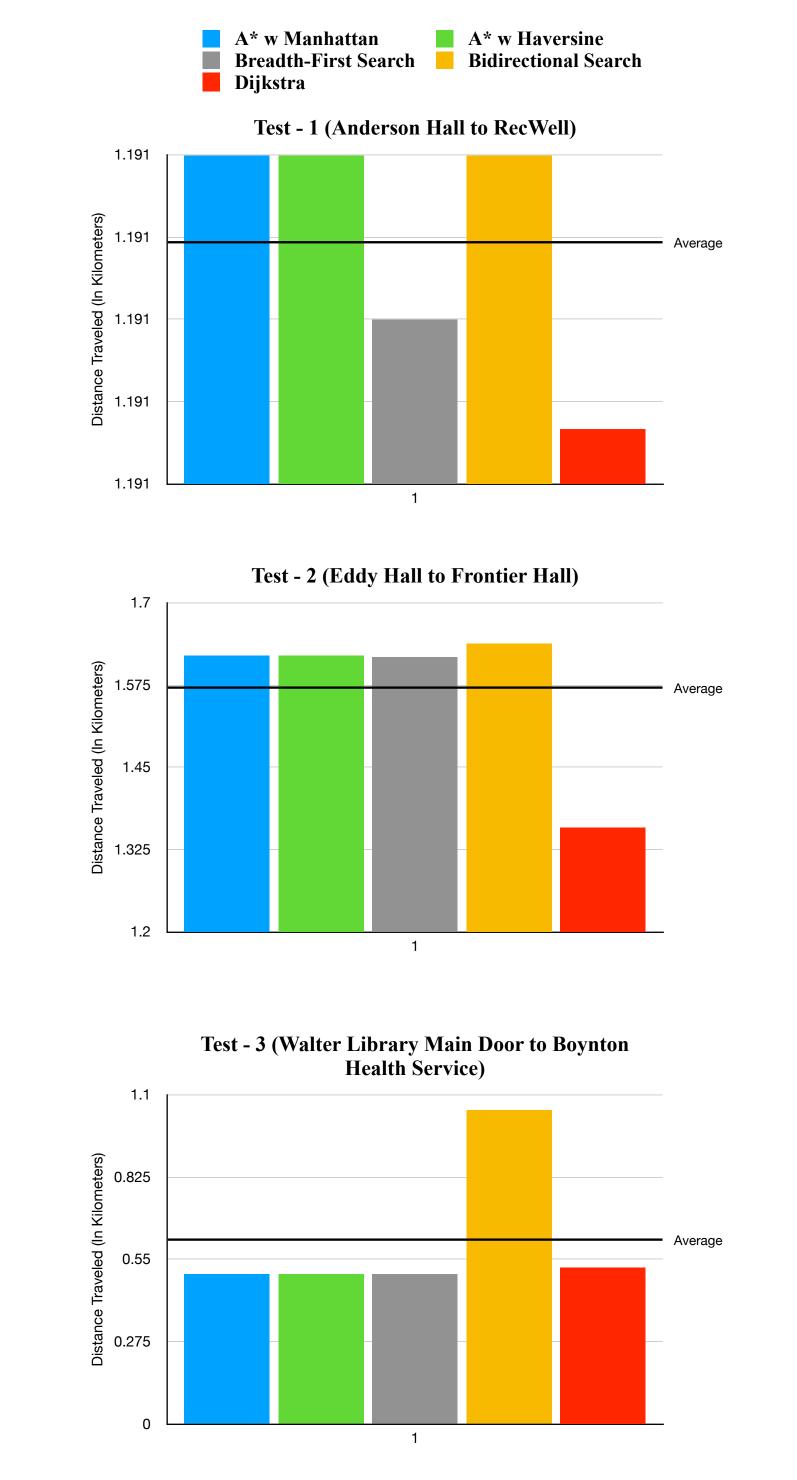
Bellman-Ford-1									
Result ID	Start	Destination	Average Time Taken (in milliseconds)	Average Memory Used (in Bytes)	Distance Traveled (in Kilometers)				
1	Eddy Hall	Frontier Hall	234.42	6383807.23809524	1.1927				
2			227.00	5720198.95652174					
3			220.67	6113852.76190476					
4			230.39	5784290.54545455					
5			225.37	5604276.52173913					
6			225.30	5986759.80952381					
7			236.50	5777559.09090909					
8			248.70	5657465.09090909					
9			227.84	5843277.5					
10			222.99	5724903.30434783					
11			241.28	6651868.42105263					
12			241.25	5670431.65217391					
13			215.48	5814088.54545455					
14			220.84	6036641.63636364					
15			216.15	5867046.36363636					
16			229.92	6006191.42857143					
17			216.66	6698910.4					
18			226.43	5843974.54545455					
19			217.57	6664949.2					
20			220.34	6658339.8					
Total			4545.1	120508832.812112					
Average			227.255	6025441.6406056					

Result ID		Start	Destination	Average Time Taken (in milliseconds)	Average Memory Used (in Bytes)	Distance Traveled (in Kilometers)
	1	Walter Library (main door)	Boynton Health Service	249.44	2118970.05	0.5006
	2			266.55	2047441.66233766	
	3			246.69	2108931.74025974	
	4			257.63	2088018.21052632	
	5			274.21	2054667.21052632	
	6			265.54	2096649.28205128	
	7			268.22	2097745.38461538	
	8			275.83	2099532.05128205	
	9			278.54	2086202.6835443	
	10			274.88	2097050.93670886	
	11			270.54	2064198.84210526	
	12			272.13	2107664.60759494	
	13			265.13	2128575	
	14			270.68	2068150.63157895	
	15			265.46	2104172.32	
	16			256.80	2109072.41558442	
	17			247.80	2089528.56410256	
	18			260.41	2108466.76923077	
	19			249.60	2089550.37974684	
	20			257.39	2099240.51282051	
Total				5273.47	41863829.2546162	
Average				263.6735	2093191.46273081	

Bellman-Ford-2







Notes on the test results:

- 1. Results of each table are collected under the same device,
- browser, and the server.

 2. After collecting data for each table, the browser will be
- refreshed and prepared for the next table.
- 3. The collection of memory usage is not from the standard library, it's Chrome-only technique, which might not be expected at other browsers.4. Because there could be some cases that memory usages could
- 4. Because there could be some cases that memory usages could be negative due to unknown JS/Browser-related problems, these cases are marked "Invalid" and our function eliminates these cases and shows how many valid cases at each time on the pop up.
- 5. Bellman-Ford takes TOO MUCH time and memory space, so its results won't be added to the charts.