

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
R177					175	2	31																		
R178					177	1	29																		
R179					178	8	1																		
R180					179	4	2																		
R181					180	1	10																		
R182					181	10	7																		
R183					182	4	3																		
R184					183	14	3																		
R185					184	2	21																		
R186					185	1	73																		
R187					186	1	41																		
R188					187	15	95																		
R189					188	11	10																		
R190					189	9	10																		
R191					190	3	3																		
R192					191	2	1																		
R193					192	38	2																		
R194					193	13	10																		
R195					194	12	95																		
R196					195	10	3																		
R197					196	2	16																		
R198					197	8	4																		
R199					198	13	1																		
R200					199	5	26																		
R201					200	1	6																		
R202					201	5	20																		
R203					202	4	1																		
R204					203	35	1																		
R205					204	2	8																		
R206					205	6	7																		
R207					206	2	4																		
R208					207	3	6																		
R209					208	2	36																		
R210					209	51	95																		
R211					210	2	8																		
R212					211	9	1																		
R213					212	7	2																		
R214					213	10	4																		
R215					214	7	10																		
R216					215	2	36																		
R217					216	1	18																		
R218					217	6	6																		
R219					218	3	6																		
R220					219	4	19																		
R221					220	6	2																		
R222					221	8	3																		
R223					222	1	10																		
R224					223	16	95																		
R225					224	1	16																		
R226					225	68	95																		
R227					226	10	2																		
R228					227	18	10																		
R229					228	40	95																		
R230					229	12	11																		
R231					230	6	1																		
R232					231	9	3																		
R233					232	8	4																		
R234					233	8	2																		
R235					234	3	1																		
R236					235	1	86																		
R237					236	12	7																		
R238					237	9	5																		
R239					238	4	4																		
R240					239	2	5																		
R241					240	5	14																		
R242					241	2	46																		
R243					242	3	24																		
R244					243	3	2																		
R245					244	5	2																		
R246					245	41	95																		
R247					246	2	14																		
R248					247	14	2																		
R249					248	3	7																		
R250					249	5	3																		
R251					250	1	86																		
R252					251	2	70																		
R253					252	2	1																		
R254					253	7	4																		
R255					254	4	24																		
R256					255	1	52																		
R257					256	12	8																		
R258					257	4	3																		
R259					258	21	2																		
R260					259	45	5																		
R261					260	1	86																		
R262					261	6	30																		
R263					262	1	62																		
R264					263	5	24																		
R265					264	13	5																		
R266					265	2	49																		
R267					266	6	5																		
R268					267	5	23																		
R269					268	3	1																		
R270					269	2	7																		
R271					270	2	5																		
R272					271	18	1																		
R273					272	3	0																		
R274					273	1	4																		
R275					274	4	2																		
R276					275	18	1																		
R277					276	7	4																		
R278					277																				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
352					352	4	20																		
353					353	1	15																		
354					354	11	2																		
355					355	9	3																		
356					356	3	21																		
357					357	21	8																		
358					358	1	8																		
359					359	8	6																		
360					360	1	1																		
361					361	10	3																		
362					362	13	4																		
363					363	7	4																		
364					364	5	2																		
365					365	12	2																		
366					366	14	13																		
367					367	14	2																		
368					368	2	2																		
369					369	84	95																		
370					370	18	11																		
371					371	8	95																		
372					372	8	4																		
373					373	1	3																		
374					374	7	7																		
375					375	1	2																		
376					376	41	6																		
377					377	16	1																		
378					378	4	48																		
379					379	2	23																		
380					380	5	8																		
381					381	22	95																		
382					382	1	92																		
383					383	6	34																		
384					384	5	92																		
385					385	40	95																		
386					386	3	1																		
387					387	15	1																		
388					388	2	14																		
389					389	2	2																		
390					390	9	6																		
391					391	2	1																		
392					392	2	5																		
393					393	1	22																		
394					394	5	6																		
395					395	24	3																		
396					396	1	30																		
397					397	9	1																		
398					398	5	42																		
399					399	3	2																		
400					400	42	1																		
401					401	7	9																		
402					402	71	95																		
403					403	28	95																		
404					404	11	6																		
405					405	4	1																		
406					406	4	8																		
407					407	68	95																		
408					408	1	3																		
409					409	76	95																		
410					410	2	17																		
411					411	11	4																		
412					412	10	5																		
413					413	1	51																		
414					414	2	2																		
415					415	25	2																		
416					416	90	95																		
417					417	3	19																		
418					418	31	3																		
419					419	3	20																		
420					420	55	3																		
421					421	8	2																		
422					422	1	14																		
423					423	23	1																		
424					424	3	5																		
425					425	18	4																		
426					426	1	2																		
427					427	39	1																		
428					428	3	8																		
429					429	3	7																		
430					430	1	2																		
431					431	40	2																		
432					432	2	1																		
433					433	43	5																		
434					434	16	3																		
435					435	4	6																		
436					436	3	5																		
437					437	25	95																		
438					438	13	95																		
439					439	2	14																		
440					440	11	22																		
441					441	8	8																		
442					442	5	4																		
443					443	2	11																		
444					444	6	10																		
445					445	82	95																		
446					446	5	9																		
447					447	5	1																		
448					448	10	5																		
449					449	1	82																		
450					450	10	2																		
451					451	32	1																		
452					452	33	2																		
453				</																					

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	Worksheet Description																		
2	Row of First Problem Description	17																	
3	Row of Last Problem Description	29																	
4	Row of First Student Scores	45																	
5	Row of Last Student Scores	116																	
6	Column of First Problem	2	column B																
7	Column of Last Problem	14	column N																
8																			
9	Problem # Selected	1																	
10	Problem Description: Points (below)																		
11	1. Linked List: Points 0 - 12	1. Linked List																	
12	Column to Graph	2																	
13	Range to Graph	B45:B116																	
14	Max Points	12	12																
15																			
16	Problem Descriptions (below)																		
17	1. Linked List																		
18	2. Equals (Recursive)																		
19	3. RemoveLast Rear (Iterative)																		
20	4. Insert into Map																		
21	5. Reverse Decorator																		
22	6. Analysis of Algorithms																		
23	7. Copy Tree																		
24	8. Remove From Tree (English)																		
25	9. Heap Manipulation																		
26	10. IsHeap																		
27	11. AVL																		
28	12. Hashing																		
29	13. English																		
30																			
31																			
32																			
33																			
34																			
35																			
36																			
37																			
38																			
39																			
40																			
41																			
42	Data For Plotting (below)																		
43	Points for Problem	12	10	10	10	14	35	10	10	10	10	12	8	14	165		Scores		
44	Student/Problem #	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total		to Graph	Score	Frequency
45	1	9.0	7.0	0.0	3.0	0.0	14.0	5.5	4.0	5.0	0.0	1.5	4.0	4.0	57.00		9.0	0	0
46	2	8.0	2.0	7.0	4.0	0.0	26.5	9.0	6.0	7.0	8.0	2.0	2.5	3.0	85.00		8.0	1	0
47	3	4.0	7.5	6.0	2.0	1.0	19.0	7.0	2.0	10.0	7.0	5.0	7.0	5.0	82.50		4.0	2	0
48	4	9.0	8.5	8.0	3.0	1.0	24.5	5.0	0.0	10.0	0.0	10.5	3.0	7.0	89.50		9.0	3	2
49	5	12.0	10.0	10.0	7.0	10.0	25.0	10.0	6.0	8.0	10.0	11.0	4.0	3.0	126.00		12.0	4	1
50	6	11.0	9.5	10.0	5.5	8.0	33.0	10.0	8.0	10.0	8.0	11.0	8.0	1.0	133.00		11.0	5	5
51	7	5.0	5.5	3.0	0.0	2.0	17.0	1.5	5.0	8.0	2.0	5.5	0.5	5.0	60.00		5.0	6	2
52	8	10.0	6.5	4.5	5.5	0.0	10.5	4.5	1.0	1.0	6.0	10.0	7.5	0.0	67.00		10.0	7	5
53	9	9.0	5.5	5.0	0.0	4.0	23.0	1.5	0.0	6.0	0.0	9.0	0.0	6.0	69.00		9.0	8	9
54	10	8.0	6.5	4.5	3.5	5.0	23.0	8.5	6.0	10.0	2.0	7.0	4.5	1.0	89.50		8.0	9	8
55	11	3.0	6.0	6.5	7.5	3.0	14.5	6.0	1.0	1.0	0.0	0.0	4.5	6.0	59.00		3.0	10	6
56	12	12.0	7.5	8.0	9.0	11.0	27.5	10.0	9.0	10.0	0.0	11.0	7.5	5.0	127.50		12.0	11	15
57	13	12.0	8.5	10.0	9.5	0.0	20.0	10.0	10.0	10.0	7.0	9.5	7.5	2.0	116.00		12.0	12	19
58	14	12.0	7.0	7.0	7.0	0.0	16.5	0.0	0.0	6.0	7.0	6.0	6.0	0.0	74.50		12.0	13	0
59	15	11.0	9.5	7.5	10.0	1.0	31.0	10.0	7.0	10.0	1.0	11.0	6.5	0.0	115.50		11.0	14	0
60	16	10.0	8.5	2.5	8.0	0.0	23.0	0.0	1.0	10.0	0.0	11.5	3.5	4.0	82.00		10.0	15	0
61	17	11.0	5.5	7.0	1.0	4.0	23.5	1.5	8.5	10.0	0.0	4.0	3.0	5.0	84.00		11.0	16	0
62	18	12.0	7.5	7.0	7.0	0.0	32.0	0.0	5.0	10.0	0.0	5.5	4.0	0.0	90.00		12.0	17	0
63	19	11.0	7.0	6.5	4.0	0.0	5.0	7.0	0.0	6.0	7.0	10.0	0.0	3.0	66.50		11.0	18	0
64	20	10.0	9.5	7.0	9.0	8.0	18.0	4.5	0.0	9.5	2.0	11.0	7.5	1.0	97.00		10.0	19	0
65	21	8.0	9.5	0.0	0.0	0.0	22.0	0.0	2.0	8.0	2.0	3.0	4.0	0.0	58.50		8.0	20	0
66	22	10.0	7.5	8.5	8.5	1.0	23.0	6.0	0.0	10.0	0.0	3.0	0.0	2.0	79.50		10.0	21	0
67	23	5.0	6.5	0.0	6.0	6.5	16.0	0.0	1.0	6.0	0.0	10.0	0.0	0.0	57.00		5.0	22	0
68	24	7.0	0.0	1.5	8.5	0.0	28.5	10.0	7.0	10.0	2.0	6.5	8.0	1.0	90.00		7.0	23	0
69	25	12.0	8.5	9.0	6.0	2.0	30.5	10.0	5.0	7.0	1.0	11.0	7.0	10.0	119.00		12.0	24	0
70	26	12.0	10.0	10.0	9.0	11.0	34.0	10.0	9.0	10.0	7.5	11.0	7.0	3.0	143.50		12.0	25	0
71	27	3.0	6.5	7.0	8.0	1.0	24.5	4.5	6.0	10.0	7.0	6.5	8.0	7.0	99.00		3.0	26	0
72	28	9.0	8.5	7.5	4.0	2.0	26.5	6.0	5.0	8.0	2.0	11.0	3.5	0.0	93.00		9.0	27	0
73	29	8.0	7.5	1.5	1.0	0.0	17.5	1.0	1.0	0.0	0.0	3.5	0.0	0.0	41.00		8.0	28	0
74	30	12.0	8.5	8.0	6.0	10.0	25.5	9.5	1.0	10.0	4.0	12.0	3.0	7.0	116.50		12.0	29	0
75	31	10.0	10.0	8.5	10.0	4.0	26.5	10.0	10.0	10.0	7.0	5.0	6.5	1.0	118.50		10.0	30	0
76	32	5.0	6.5	2.0	2.5	1.0	18.0	3.0	1.0	10.0	1.0	7.0	4.0	4.0	65.00		5.0	31	0
77	33	11.0	9.5	4.0	2.0	1.0	24.5	1.5	2.0	8.0	2.0	5.5	6.0	0.0	77.00		11.0	32	0
78	34	9.0	8.0	8.0	7.0	2.0	22.0	0.0	6.0	5.0	0.0	11.0	4.5	2.0	84.50		9.0	33	0
79	35	9.0	8.5	10.0	7.0	0.0	22.5	7.0	5.0	6.0	0.0	4.0	8.0	9.0	96.00		9.0	34	0
80	36	12.0	8.5	10.0	9.5	12.0	27.5	10.0	10.0	10.0	9.0	10.0	8.0	0.0	136.50		12.0	35	0
81	37	9.0	7.5	7.5	9.5	6.0	23.5	3.5	9.0	5.0	0.0	5.5	2.0	2.0	90.00		9.0		
82	38	8.0	7.5	3.5	3.0	1.0	14.5	5.5	0.0	5.0	1.0	10.0	2.0	11.0	72.00		8.0		
83	39	11.0	10.0	10.0	10.0	14.0	34.5	10.0	10.0	10.0	9.0	12.0	8.0	4.0	152.50		11.0		
84	40	11.0	5.5	3.5	5.5	2.0	22.0	4.5	2.0	6.0	7.0	10.0	7.0	2.0	88.00		11.0		
85	41	7.0	4.0	3.5	5.0	2.0	13.5	3.0	5.0	10.0	2.0	10.0	4.0	5.0	74.00		7.0		
86	42	12.0	8.5	10.0	9.5	12.0	31.0	0.0	10.0	7.0	10.0	12.0	7.0	2.0	131.00		12.0		
87	43	12.0	8.5	3.5	8.0	0.0	12.5	6.5	1.0	9.0	2.0	6.0	0.0	0.0	69.00		12.0		
88	44	8.0	9.5	4.0	0.0	0.0	20.0	4.5	3.0	8.0	5.0	11.5	6.5	2.0	82.00		8.0		
89	45	6.0	2.0	1.0	1.0	1.0	6.5	1.0	2.0	0.0	0.0	2.0	0.5	5.0	28.00		6.0		
90	46	9.0	8.0	7.0	9.0	2.0	22.5	10.0	2.0	10.0	6.0	10.0	7.5	7.0	110.00		9.0		
91	47	12.0	8.5	6.5	0.0	0.0	17.0	6.0	9.0	8.0	0.5	10.0	6.5	0.0	84.00		12.0		
92	48	11.0	6.0	5.5	3.0	0.0	15.5	0.0	10.0	4.0	0.5	4.0	5.0	7.0	71.50		11.0		
93	49	11.0	9.0	10.0	9.5	3.0	29.0	7.0	10.0	10.0	7.0	7.0	4.5	0.0	117.00		11.0		
94	50	11.0	9.0	5.5	9.5	11.0	28.5	6.0	0.0	10.0	10.0	12.0	4.0	2.0	118.50		11.0		
95	51	7.0	3.0	8.5	0.0	2.0	22.5	3.5	2.0	10.0	0.0	5.0	7.0	0.0	70.50		7.0		
9																			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
109		65	11.0	10.0	8.5	6.5	2.0	18.0	10.0	6.0	10.0	6.5	9.5	4.0	4.0	106.00		11.0	
110		66	12.0	8.5	8.5	9.5	0.0	22.0	0.0	4.0	10.0	0.0	9.5	6.0	0.0	90.00		12.0	
111		67	7.0	7.0	6.0	8.0	10.0	5.5	10.0	7.0	8.0	2.0	8.5	3.5	3.0	85.50		7.0	
112		68	7.0	6.0	7.0	4.5	7.0	24.5	10.0	6.0	6.0	2.0	11.0	7.0	9.0	107.00		7.0	
113		69	12.0	7.0	10.0	9.0	12.0	35.0	10.0	10.0	5.0	9.0	11.0	8.0	3.0	141.00		12.0	
114		70	8.0	7.0	0.0	6.5	0.0	25.5	7.0	6.0	4.0	1.0	4.0	2.0	6.0	77.00		8.0	
115		71	5.0	7.0	8.5	0.0	2.0	19.5	0.0	9.0	10.0	1.0	8.5	7.5	6.0	84.00		5.0	
116		72	8.0	0.0	6.5	9.0	3.0	10.5	3.0	6.0	4.0	1.0	8.0	4.0	2.0	65.00		8.0	

[illegible]

	A	B	C	D	E	F	G	H	I
1	Shirt	Pinpoint							
2	Size	35		Shirt/Size	30	35	40	45	50
3	Quantity	5		Camp	30.00	32.00	35.00	35.00	40.00
4	Row Index	4		Flannel	35.00	36.00	37.00	38.00	39.00
5	Column Index	2		Oxford	19.00	19.00	19.00	22.00	22.00
6	Cost	36.00		Pinpoint	34.00	36.00	36.00	36.00	38.00
7	Discount %	0.02		Polo	28.00	32.00	36.00	40.00	44.00
8				Rugby	12.00	16.00	20.00	22.00	24.00
9	Cost (with Discount)	176.40							
10									
11									
12				Bought Between		Discount %			
13				0	4	0.00			
14				5	9	0.02			
15				10	19	0.03			
16				20	49	0.05			
17				50	99	0.07			
18				100	999	0.10			
19				1000		0.15			