

APPENDIX 6 — Comparison between Pretest and Posttest Results

Result of the Pretest and Posttest

No	Student's Code	Pretest	Posttest	Gain
1	A	68	80	12
2	B	48	72	24
3	C	52	64	12
4	D	60	64	4
5	E	60	64	4
6	F	80	84	4
7	G	56	76	20
8	H	36	68	32
9	I	68	72	4
10	J	64	72	8
11	K	48	68	20
12	L	52	80	28
13	M	60	64	4
14	N	60	68	8
15	O	40	64	24
16	P	80	84	4
17	Q	48	76	28
18	R	64	68	4
19	S	60	80	20
20	T	56	64	8
21	U	52	84	32
22	V	44	56	12
23	W	60	80	20
24	X	52	80	28
25	Y	60	64	4
26	Z	56	64	8
27	AA	60	64	4
28	BB	56	72	16
29	CC	60	80	20
30	DD	60	64	4
31	EE	48	76	28
32	FF	60	76	16
33	GG	72	80	8
34	HH	60	80	20
Total		1960	2452	492
Mean		57,64706	72,11765	14,47059