비번	중간고사(100점만점)	중간 extra	중간 합계	기말고사(100점만점)	설문유/무	기말 합계	출석(10%)	중간고사(30%)	기말고사(30%)	연습0	연습1	연습2	연습3	연습4	연습5	연습(평균)	실습+보고서(30%)	총점	성적	단국
127	59	10	69	30	1	31	10	20.7	9.3	8.6	10	5	2.9	7	0	5.58	15.2	55.2	B	
416	36	10	46	55	1	56	10	13.8	16.8	9.8	9	10	2	5	3	6.47	17.7	58.3	B	
1004	59		59	49	0	49	9.83	17.7	14.7	3	4	6	0	0	0	2.17	6.08	48.3	C+	
1119	35		35	45	1	46	10	10.5	13.8	7.7	2	0	4	3	0	2.78	5.89	40.2	C	
1123	58		58	55	1	56	9	17.4	16.8	7	0	0	4	6	0	2.83	6.42	49.6	C+	
1127	33	10	43	45	1	46	10	12.9	13.8	9.6	9.5	4.5	2	2	2	4.93	12.5	49.2	C+	
1170	50	10	60	66	1	67	10	18	20.1	9.5	6	3	5.2	5	3	5.28	13.7	61.8	B+	
1212	35	10	45	16	1	17	9	13.5	5.1	0	10	9.5	0	0	0	3.25	11.4	39	C	
1234	53	10	63	57	1	58	10	18.9	17.4	9.4	0	0	0	2	4	2.57	4.28	50.6	C+	
1379	20		20	0	0	0	5	6	0	0	0	0	0	0	0	0	0	11	F	
1881	86		86	70	0	70	10	25.8	21	9.5	9.5	10	8	0	0	6.17	16.8	73.6	A	
1965	68	10	78	70	1	71	10	23.4	21.3	7.6	10	9.5	7.9	8	0	7.17	21.3	76	A	
2010	23		23	20	1	21	9.17	6.9	6.3	7.5	6	0	0	0	0	2.25	4.13	26.5	D+	
2109	60		60	58	0	58	10	18	17.4	9.7	9	10	0	0	0	4.78	11.9	57.3	B	
2204	52	10	62	55	1	56	10	18.6	16.8	9.8	8	10	2	4	2	5.97	16	61.4	B+	
2579	43	10	53	35	1	36	10	15.9	10.8	7.3	8.5	10	9.5	9	5	8.22	25.1	61.8	B+	
2989	48	10	58	52	1	53	10	17.4	15.9	10	10	10	7.9	6	8	8.65	25.3	68.6	B+	
3384	94		94	69	0	69	0	28.2	20.7	5.5	7	0	6.9	0	0	3.23	8.57	57.5	B	
4163	41	10	51	56	1	57	9.33	15.3	17.1	0	9	6.5	7.9	8	0	5.23	18.3	60.1	B+	
4516	63	10	73	60	0	60	10	21.9	18	9.8	7	10	10	8	3	7.97	23	72.9	A	
4643	19		19	0	1	1	6.67	5.7	0.3	9.5	0	0	0	0	0	1.58	0.79	13.5	F	
5028	92		92	75	1	76	10	27.6	22.8	8.5	10	9	9	0	7	7.25	21.1	81.5	A+	
5152	82		82	57	1	58	10	24.6	17.4	9.8	10	10	9	4	0	7.13	20.1	72.1	A	
5459	41	10	51	47	1	48	9.17	15.3	14.4	9.5	9.5	0	0	5	0	4	9.25	48.1	C+	
7874	41		41	55	0	55	9	12.3	16.5	8.7	9	9	0	0	0	4.45	11.2	49	C+	
8508	56	10	66	50	1	51	10	19.8	15.3	7.7	10	9.5	6.5	8	0	6.95	20.5	65.6	B+	
9015	65		65	60	1	61	9.67	19.5	18.3	7.7	8	0	5.5	5	4	5.03	13.8	61.2	B+	
9407	27		27	41	1	42	10	8.1	12.6	8.6	0	0	0	0	0	1.43	0.72	31.4	D+	
9602	40	10	50	35	1	36	9.67	15	10.8	0	0	0	0	4	0	0.67	2.33	37.8	C	
9728	62		62	62	1	63	10	18.6	18.9	10	9	9	2	6	3.5	6.58	18	65.5	B+	
			0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	