

學號	CIR Read (50pts)			CIRP Print (200Pts)						CIR Gate (200pts)				Write (70)	original (520 pts)	Penalty	Final Score (520 pts)	Tags
	error.aag(60)	correct.aag(12)	total	cirp-s	cirp-pi	cirp-po	cirp-fl	cirp-n	total	cirg	cirg-faninc	cirg-fanout	total	total				
xxx2xxxx0	20	12	33.3	7	7	7	7	7	200.0	7	162	134	190.2	16	439.6	0.33	295	L1
xxx2xxxx3	60	1	27.1	7	7	7	6	7	194.3	4	163	90	156.9	43	421.3		421	
xxx2xxxx2	0	10	20.8	5	5	5	3.7	2.1	118.9	2	46	56	64.4	5	209.1	0.33	140	L1
xxxxxx035	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxxxxxx38	56	12	48.3	4.9	4	7	4	5	142.3	3	163	97	158.0	5	353.7		354	
xxxxxxx27	59	12	49.6	7	7	7	7	7	200.0	7	164	91	166.7	61	477.3		477	
xxx2xxx8	0	12	25.0	7	7	7	7	7	200.0	7	179	89	174.1	70	469.1		469	
xxx2xxxx4	0	12	25.0	7	7	7	6	7	194.3	7	179	91	175.3	0	394.6		395	
dxxxxxxx	0	10	20.8	7	7	7	0	7	160.0	2	97	87	111.5	7	299.3		299	
xxxxx8xxx	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxxxxx2xx	32	12	38.3	7	7	7	5	7	188.6	7	111	87	133.9	43	403.8		404	
xxxxx3xx8	0	12	25.0	7	7	7	3	7	177.1	7	179	91	175.3	43	420.4		420	
xxx4xxxxx	60	12	50.0	7	7	7	7	7	200.0	4	179	91	166.7	16	432.7		433	
xx3xxxxx6	0	12	25.0	7	7	7	3	0	137.1	0	7	7	8.0	7	177.2	0.33	119	L1
xxx5xxx73	57	12	48.8	7	7	7	6	7	194.3	5	179	91	169.5	43	455.6		456	
xx4xxxx96	57	11	46.7	7	3.7	7	7	5	169.7	0	152	126	159.8	0	376.2		376	
xxx5xxxx1	60	12	50.0	7	7	7	7	7	200.0	7	179	91	175.3	70	495.3		495	
xxxxxxx74	60	12	50.0	7	7	7	7	7	200.0	7	179	91	175.3	70	495.3		495	
xxxxx2x90	59	11	47.5	7	7	7	7	5	188.6	5	179	91	169.5	52	457.6		458	
xxxxxxx33	0	12	25.0	7	7	7	5.1	5	177.7	1.4	137	44	108.0	25	335.8		336	
xxxxx2xx7	40	12	41.7	7	7	7	6	7	194.3	7	148	72	146.6	70	452.5		453	
xxxxx5xx0	0	11	22.9	5	5	5	5	1	120.0	0	5	5	5.7	5	153.7	0.66	52	L2
xxx5xxx2x	53	8	38.8	1	1	1	0	0	17.1	0	26	25	29.3	10	95.2		95	
xxx6xxxx5	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxx1xxxx	0	12	25.0	7	7	7	7	7	200.0	7	179	91	175.3	70	470.3	0.33	315	L1
xxx3xxxx	0	12	25.0	6	6	6	4	6	160.0	6	144	83	147.7	15	347.7		348	
xxxxxxx76	0	12	25.0	7	7	7	5	5	177.1	5.7	152	88	154.3	52	408.5		408	
xxxxx4xxx	60	12	50.0	7	7	7	5	4.9	176.6	0	170	82	144.8	70	441.4		441	
xxx5xxx5x	0	11	22.9	2.1	4	7	5	4	126.3	7	40	27	58.6	16	223.8	0.33	150	L1
xxxxx5x23	0	12	25.0	7	7	7	7	7	200.0	7	179	88	173.6	70	468.6		469	
xx6xxxx28	60	12	50.0	7	7	7	7	7	200.0	7	179	91	175.3	70	495.3		495	
xxxxx5x48	0	12	25.0	7	7	7	5	7	188.6	7	179	134	200.0	25	438.6		439	
xxxxxxx51	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxxxx5xx6	0	12	25.0	7	7	7	7	7	200.0	7	179	91	175.3	70	470.3		470	
xxxxx5x09	0	12	25.0	0	0	0	3	0	17.1	0	7	7	8.0	7	57.2		57	

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	error.aag(60)	correct.aag(12)	total	cirp-s	cirp-pi	cirp-po	cirp-fl	cirp-n	total	cirg	cirg-faninc	cirg-fanout	total	total				
xxxxx5x11	0	12	25.0	7	7	7	7	7	200.0	0	48	119	96.0	43	364.0		364	
xxxxx5x17	0	2	4.2	3	3	3	3	3	85.7	3	54	38	61.5	3	154.4		154	
xxxxx5x19	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxxxxx22	0	12	25.0	7	7	7	7	7	200.0	4	178	90	165.5	70	460.5		461	
xx5xx5xx8	0	12	25.0	7	7	7	7	7	200.0	7	179	91	175.3	7	407.3	0.05	387	E
xxxxx5x3x	0	12	25.0	7	7	7	6	7	194.3	7	179	91	175.3	70	464.6		465	
xxxxxx043	0	11	22.9	7	7	7	7	7	200.0	7	179	134	200.0	70	492.9		493	
xx4xx1xx8	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxxxxx126	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxxxx1003	60	12	50.0	7	7	7	7	7	200.0	7	179	134	200.0	70	520.0		520	
xxxxxxx55	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxxxx1105	0	12	25.0	0	7	7	7	5	148.6	3.5	162	134	180.2	7	360.7		361	
xx6xxxx05	0	12	25.0	4.9	7	7	3	2.8	141.1	0	164	129	168.4	13	347.5		348	
xxxxxx007	59	12	49.6	7	7	7	6	7	194.3	7	179	134	200.0	70	513.9		514	
xx6xxx008	60	12	50.0	7	7	7	7	7	200.0	2	179	91	160.9	70	480.9		481	
xx6xxxx10	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxxxx1011	21	12	33.8	7	7	7	7	7	200.0	7	179	134	200.0	70	503.8		504	
xxx9xxx12	46	12	44.2	7	7	7	7	4.9	188.0	7	179	91	175.3	52	459.5		459	
xxxxxxx16	60	12	50.0	7	7	7	7	7	200.0	7	179	91	175.3	70	495.3		495	
xx6xxxx17	60	12	50.0	7	7	7	7	7	200.0	7	179	91	175.3	70	495.3		495	
xxxxx1x19	60	12	50.0	7	7	7	7	7	200.0	7	179	91	175.3	70	495.3		495	
xxxxxxx20	32	12	38.3	7	7	7	6	7	194.3	7	171	126	190.8	70	493.4		493	
xxxxx1x23	60	12	50.0	7	7	7	7	7	200.0	5	179	91	169.5	70	489.5		490	
xxxxxxx32	20	12	33.3	7	7	7	7	6	194.3	0	179	91	155.2	61	443.8		444	
xx6xxxx36	31	11	35.8	6	6	6	3	3	137.1	1	118	94	124.7	15	312.7		313	
xx6xxxx40	0	12	25.0	7	7	7	6	7	194.3	7	179	134	200.0	70	489.3		489	
xx6xx1x48	14	12	30.8	7	7	7	7	7	200.0	7	179	91	175.3	70	476.1		476	
xxxxxx049	0	12	25.0	7	7	7	7	6	194.3	7	133	134	173.6	70	462.8		463	
xxxxx1x61	56	12	48.3	7	7	7	7	7	200.0	7	179	91	175.3	7	430.6		431	
xxxxxxx63	60	12	50.0	7	7	7	7	7	200.0	7	179	91	175.3	70	495.3		495	
xxxxxx065	3	12	26.3	7	7	7	7	7	200.0	7	179	91	175.3	70	471.5		472	
xxxxxx066	58	12	49.2	7	4.9	4.9	5.8	4.9	157.1	7	179	91	175.3	43	424.6		425	
xxxxxx067	4	12	26.7	7	7	7	1.7	4	152.6	3	128	90	133.9	52	365.1		365	
xx6xxxx68	60	12	50.0	4.9	7	7	4.4	4.2	157.1	7	164	91	166.7	70	443.8		444	
xxxx0x080	59	12	49.6	7	7	7	5	6	182.9	0	131	86	124.7	60	417.2		417	

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	error.aag(60)	correct.aag(12)	total	cirp-s	cirp-pi	cirp-po	cirp-fl	cirp-n	total	cirg	cirg-faninc	cirg-fanout	total	total				
xx6xxxx90	59	12	49.6	7	7	7	7	7	200.0	7	179	91	175.3	70	494.9		495	
xxx9xxx96	60	12	50.0	7	7	7	7	7	200.0	7	179	91	175.3	45	470.3		470	
xxxxx1x98	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxxxxxx99	60	12	50.0	7	7	7	7	7	200.0	7	179	91	175.3	70	495.3		495	
xxxxxxx02	60	12	50.0	7	7	7	7	7	200.0	4.9	164	129	182.5	70	502.5		502	
xxxxxx103	60	12	50.0	7	7	7	7	7	200.0	7	179	134	200.0	70	520.0		520	
xxxxxx104	0	12	25.0	7	7	7	7	7	200.0	7	179	91	175.3	0	400.3		400	
xx6xxx1x7	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxxxxx108	55	12	47.9	7	7	7	7	7	200.0	7	179	91	175.3	70	493.2		493	
xx6xxx11x	0	12	25.0	7	7	7	6	6	188.6	7	128	46	120.1	43	376.7		377	
xxxxxxx41	59	12	49.6	7	7	7	5	7	188.6	7	120	86	138.5	43	419.7		420	
xxxxxx143	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxxxx1x45	0	12	25.0	7	7	7	7	7	200.0	0	179	91	155.2	70	450.2		450	
xxxxxx153	0	12	25.0	7	7	7	7	7	200.0	0	164	91	146.6	43	414.6		415	
xxxxxx162	18	12	32.5	7	7	7	7	7	200.0	7	171	126	190.8	70	493.3		493	
xxxxxx165	60	12	50.0	7	7	7	7	7	200.0	2	179	59	142.5	7	399.5		400	
xxxxxx166	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxxxxx17x	44	12	43.3	7	7	7	7	7	200.0	7	179	91	175.3	0	418.6		419	
xxxxxx180	26	12	35.8	7	7	7	7	7	200.0	4	177	90	164.9	43	443.8		444	
xxxxxx183	60	12	50.0	7	7	7	7	7	200.0	0	145	91	135.6	70	455.6		456	
xxxxxxx84	60	10	45.8	2	2	2	1	2	51.4	2	41	30	46.6	11	154.8		155	
xxxxx2x40	15	12	31.3	7	7	7	6	7	194.3	2	164	91	152.3	16	393.8		394	
xxx5xxx0x	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxx2xxx6x	60	12	50.0	7	7	7	6	7	194.3	7	179	91	175.3	70	489.6		490	
xxxxx2x45	60	12	50.0	7	7	7	7	7	200.0	7	179	91	175.3	70	495.3		495	
xxxxxxx42	49	12	45.4	7	7	7	7	7	200.0	7	179	91	175.3	70	490.7		491	
xxxxxxx52	32	12	38.3	7	7	7	7	5.2	189.7	7	179	134	200.0	70	498.0		498	
xx5xx1x10	9	12	28.8	7	7	7	6	7	194.3	7	179	134	200.0	70	493.0		493	
xxxxxxx31	11	12	29.6	7	4.9	4.9	3	6.7	151.4	2	147	129	164.4	43	388.4		388	
xx5xxxx36	0	12	25.0	4.9	7	7	6	7	182.3	2	164	86	149.4	70	426.7		427	
xxxxxxx47	0	12	25.0	7	7	7	5	6	182.9	2	144	86	137.9	25	370.8	0.33	248	L1
xx5xxxx48	0	12	25.0	7	7	7	7	7	200.0	7	179	91	175.3	70	470.3		470	
xxxxxxx50	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xx5xxx068	59	12	49.6	7	7	7	7	7	200.0	7	179	91	175.3	70	494.9		495	
xxx9xxx73	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT

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	error.aag(60)	correct.aag(12)	total	cirp-s	cirp-pi	cirp-po	cirp-fl	cirp-n	total	cirg	cirg-faninc	cirg-fanout	total	total				
xxxxxxx78	4	12	26.7	7	7	7	7	7	200.0	0	179	134	179.9	70	476.6		477	
xx5xxxx8x	0	12	25.0	7	7	7	4	7	182.9	7	179	91	175.3	70	453.1		453	
xx5xxx09x	4	12	26.7	7	7	7	7	7	200.0	7	140	91	152.9	70	449.5		450	
xx5xxxx07	27	12	36.3	7	7	7	5	7	188.6	7	179	91	175.3	70	470.1		470	
xx5xxx11x	0	12	25.0	7	7	7	3	4	160.0	0	7	7	8.0	7	200.0	0.33	134	L1
xxxxxx128	0	12	25.0	7	4	7	2	0.7	118.3	5	162	91	159.8	25	328.1		328	
xxxxxxx29	59	12	49.6	7	7	0	7	7	160.0	0	149	86	135.1	16	360.6		361	
xxxxxx144	11	12	29.6	7	7	7	7	7	200.0	7	179	91	175.3	0	404.9		405	
xxxxxx156	0	12	25.0	7	7	7	7	7	200.0	7	163	91	166.1	70	461.1		461	
xxxxxx167	29	12	37.1	4.9	4.9	4.9	3	6	135.4	1.4	69	7	47.7	70	290.2	0.05	276	E
xxxxxx168	54	12	47.5	7	7	7	7	7	200.0	7	114	75	128.7	70	446.2		446	
xxxxxx190	0	11	22.9	5.2	7	7	4.4	5.7	167.4	1.4	136	129	156.3	43	389.7		390	
xxxxxxx91	0	12	25.0	7	7	7	7	7	200.0	7	179	91	175.3	70	470.3		470	
xxxxx2xx6	0	12	25.0	7	7	7	7	7	200.0	7	179	134	200.0	61	486.0		486	
xx2xxxxx6	59	12	49.6	7	7	7	6	7	194.3	7	179	91	175.3	43	462.2		462	
xx2xxxxx7	0	12	25.0	7	4	7	7	7	182.9	7	171	83	166.1	0	373.9		374	
xxxxxxx13	48	12	45.0	7	7	7	6	7	194.3	7	179	91	175.3	70	484.6		485	
xx3xxxxx0	0	12	25.0	2	2	2	2	1	51.4	1	41	30	43.7	2	122.1	0.33	82	L1
xxxxxxx39	5	12	27.1	7	4	7	6	5	165.7	3	178	133	187.4	70	450.2		450	
xxxxxxx82	45	10	39.6	7	4.9	4.9	6	5	158.9	7	179	91	175.3	43	416.7		417	
xxx9xxx89	59	12	49.6	4.9	7	7	5.8	7	181.1	2	148	80	136.8	52	419.5		420	
xx4xxx1x0	0	12	25.0	6	4.2	4.2	6	6	150.9	0	134	23	90.2	24	290.1	0.33	194	L1
xxxxxxx54	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxxxxxx01	0	12	25.0	7	7	7	7	7	200.0	4	178	90	165.5	70	460.5		461	
xxxxx2x08	60	12	50.0	7	7	7	3	6	171.4	7	148	91	157.5	7	385.9	0.66	131	L2
xxxxxx053	0	12	25.0	0	7	7	3	0	97.1	6	120	86	135.6	51	308.8		309	
xxxx2xxx9	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxxx2xxx6	3	11	24.2	4.9	7	7	5	7	176.6	7	179	91	175.3	16	392.0	0.33	263	L1
xxxx2xxx2	53	12	47.1	7	7	7	7	7	200.0	0	162	91	145.4	43	435.5		435	
xxxx2xxx0	0	10	20.8	0.7	1	1	1	0.7	25.1	0	16	16	18.4	7	71.4		71	
xxxxxxx94	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
xxxx4xxx3	0	12	25.0	7	7	7	3	5	165.7	6	27	22	45.4	18	254.1		254	
xxxxxxx95	0	12	25.0	7	7	7	5	5	177.1	2	62	49	69.5	7	278.7	0.33	187	L1
xxxx4xx3x	0	12	25.0	4.9	4.9	4.9	5.8	7	157.1	3.5	164	129	178.4	7	367.6		368	
xxxxxxx64	0	12	25.0	6	6	6	6	6	171.4	6	152	72	146.0	60	402.4		402	

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	error.aag(60)	correct.aag(12)	total	cirp-s	cirp-pi	cirp-po	cirp-fl	cirp-n	total	cirg	cirg-faninc	cirg-fanout	total	total				
xxxxx3xx0	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0.0		0	NT
Average	22.5	10.0	30.2	5.4	5.5	5.6	4.9	5.1	151.7	4.1	128.3	75.9	129.2	38.9	350.0		339.8	