

For dread.out	Ave real = 9.59	Ave sys = 2.78	Ave user = 0.03
For dwrite.out	Ave real = 3.56	Ave sys = 1.64	Ave user = 0.00
For fcalla.out	Ave real = 0.31	Ave sys = 0.01	Ave user = 0.20
For fcalle.out	Ave real = 1.21	Ave sys = 0.00	Ave user = 1.13
For loop.out	Ave real = 7.92	Ave sys = 0.03	Ave user = 7.80
For multi1.out	Ave real = 5.04	Ave sys = 2.18	Ave user = 0.39
For multi10.out	Ave real = 34.51	Ave sys = 19.92	Ave user = 4.13
For multi2.out	Ave real = 7.50	Ave sys = 4.12	Ave user = 0.78
For multi20.out	Ave real = 76.92	Ave sys = 42.14	Ave user = 7.99
For multi3.out	Ave real = 9.81	Ave sys = 5.79	Ave user = 1.19
For multi4.out	Ave real = 12.91	Ave sys = 7.66	Ave user = 1.61
For multi5.out	Ave real = 15.67	Ave sys = 9.75	Ave user = 1.87
For multi6.out	Ave real = 17.89	Ave sys = 11.49	Ave user = 2.39
For pipes.out	Ave real = 5.38	Ave sys = 2.52	Ave user = 0.02
For scall.out	Ave real = 9.77	Ave sys = 8.70	Ave user = 1.00
For sieve.out	Ave real = 3.21	Ave sys = 0.03	Ave user = 3.10

3.1 KERNEL AS RELEASED
 Z80CTL56 3:1 DISK 9:1 FS

For dread.out	Ave real = 11.17	Ave sys = 2.87	Ave user = 0.02
For dwrite.out	Ave real = 5.57	Ave sys = 1.74	Ave user = 0.00
For fcalla.out	Ave real = 0.31	Ave sys = 0.00	Ave user = 0.20
For fcalle.out	Ave real = 1.22	Ave sys = 0.00	Ave user = 1.14
For loop.out	Ave real = 7.92	Ave sys = 0.02	Ave user = 7.80
For multi1.out	Ave real = 5.68	Ave sys = 2.11	Ave user = 0.40
For multi10.out	Ave real = 34.97	Ave sys = 19.73	Ave user = 4.18
For multi2.out	Ave real = 7.73	Ave sys = 4.00	Ave user = 0.78
For multi20.out	Ave real = 77.40	Ave sys = 41.49	Ave user = 8.56
For multi3.out	Ave real = 10.47	Ave sys = 5.91	Ave user = 1.15
For multi4.out	Ave real = 13.93	Ave sys = 7.85	Ave user = 1.63
For multi5.out	Ave real = 15.40	Ave sys = 9.58	Ave user = 1.91
For multi6.out	Ave real = 18.63	Ave sys = 11.63	Ave user = 2.34
For pipes.out	Ave real = 5.38	Ave sys = 2.51	Ave user = 0.03
For scall.out	Ave real = 9.75	Ave sys = 8.64	Ave user = 1.06
For sieve.out	Ave real = 3.21	Ave sys = 0.01	Ave user = 3.10

280CTL 64 111 311

For dread.out	Ave real = 11.13	Ave sys = 2.78	Ave user = 0.02
For dwrite.out	Ave real = 2.61	Ave sys = 1.75	Ave user = 0.00
For fcalla.out	Ave real = 0.31	Ave sys = 0.00	Ave user = 0.20
For fcalle.out	Ave real = 1.21	Ave sys = 0.01	Ave user = 1.14
For loop.out	Ave real = 7.92	Ave sys = 0.04	Ave user = 7.80
For multi1.out	Ave real = 5.02	Ave sys = 2.18	Ave user = 0.43
For multi10.out	Ave real = 35.14	Ave sys = 19.76	Ave user = 4.17
For multi2.out	Ave real = 7.92	Ave sys = 4.06	Ave user = 0.72
For multi20.out	Ave real = 76.96	Ave sys = 41.29	Ave user = 8.25
For multi3.out	Ave real = 10.20	Ave sys = 5.68	Ave user = 1.12
For multi4.out	Ave real = 12.57	Ave sys = 7.53	Ave user = 1.60
For multi5.out	Ave real = 15.58	Ave sys = 9.36	Ave user = 2.07
For multi6.out	Ave real = 18.11	Ave sys = 11.38	Ave user = 2.33
For pipes.out	Ave real = 5.36	Ave sys = 2.51	Ave user = 0.03
For scall.out	Ave real = 9.75	Ave sys = 8.62	Ave user = 1.07
For sieve.out	Ave real = 3.21	Ave sys = 0.02	Ave user = 3.10

Z80CTL64 211 111

For dread.out	Ave real = 9.49	Ave sys = 2.67	Ave user = 0.01
For dwrite.out	Ave real = 4.01	Ave sys = 1.75	Ave user = 0.00
For fcalla.out	Ave real = 0.31	Ave sys = 0.00	Ave user = 0.20
For fcalle.out	Ave real = 1.21	Ave sys = 0.00	Ave user = 1.13
For loop.out	Ave real = 7.92	Ave sys = 0.01	Ave user = 7.80
For multi1.out	Ave real = 5.10	Ave sys = 2.21	Ave user = 0.42
For multi10.out	Ave real = 33.87	Ave sys = 20.05	Ave user = 4.02
For multi2.out	Ave real = 8.02	Ave sys = 4.29	Ave user = 0.83
For multi20.out	Ave real = 76.44	Ave sys = 41.69	Ave user = 8.47
For multi3.out	Ave real = 10.11	Ave sys = 5.84	Ave user = 1.15
For multi4.out	Ave real = 12.54	Ave sys = 7.73	Ave user = 1.54
For multi5.out	Ave real = 15.28	Ave sys = 9.67	Ave user = 1.93
For multi6.out	Ave real = 18.49	Ave sys = 11.68	Ave user = 2.34
For pipes.out	Ave real = 5.36	Ave sys = 2.57	Ave user = 0.01
For scall.out	Ave real = 9.74	Ave sys = 8.67	Ave user = 1.03
For sieve.out	Ave real = 3.21	Ave sys = 0.01	Ave user = 3.10

28OCT64 441 341

For dread.out	Ave real = 9.04	Ave sys = 2.85	Ave user = 0.03
For dwrite.out	Ave real = 3.16	Ave sys = 1.72	Ave user = 0.01
For fcalla.out	Ave real = 0.30	Ave sys = 0.00	Ave user = 0.20
For fcalle.out	Ave real = 1.21	Ave sys = 0.00	Ave user = 1.14
For loop.out	Ave real = 7.93	Ave sys = 0.03	Ave user = 7.80
For multi1.out	Ave real = 4.73	Ave sys = 2.22	Ave user = 0.41
For multi10.out	Ave real = 33.60	Ave sys = 19.69	Ave user = 4.06
For multi2.out	Ave real = 7.28	Ave sys = 4.06	Ave user = 0.80
For multi20.out	Ave real = 82.57	Ave sys = 41.66	Ave user = 8.49
For multi3.out	Ave real = 10.29	Ave sys = 5.98	Ave user = 1.11
For multi4.out	Ave real = 13.43	Ave sys = 7.93	Ave user = 1.57
For multi5.out	Ave real = 15.06	Ave sys = 9.49	Ave user = 1.89
For multi6.out	Ave real = 17.38	Ave sys = 11.38	Ave user = 2.24
For pipes.out	Ave real = 5.36	Ave sys = 2.53	Ave user = 0.01
For scall.out	Ave real = 9.77	Ave sys = 8.64	Ave user = 1.05
For sieve.out	Ave real = 3.21	Ave sys = 0.01	Ave user = 3.10

280UTL64 311 311

For dread.out	Ave real = 9.99	Ave sys = 2.85	Ave user = 0.02
For dwrite.out	Ave real = 4.61	Ave sys = 1.76	Ave user = 0.00
For fcalla.out	Ave real = 0.31	Ave sys = 0.00	Ave user = 0.20
For fcalle.out	Ave real = 1.22	Ave sys = 0.01	Ave user = 1.14
For loop.out	Ave real = 7.93	Ave sys = 0.03	Ave user = 7.80
For multi1.out	Ave real = 5.31	Ave sys = 2.13	Ave user = 0.45
For multi10.out	Ave real = 34.77	Ave sys = 20.17	Ave user = 4.06
For multi2.out	Ave real = 7.15	Ave sys = 4.01	Ave user = 0.76
For multi20.out	Ave real = 78.04	Ave sys = 41.72	Ave user = 8.57
For multi3.out	Ave real = 10.15	Ave sys = 6.02	Ave user = 1.16
For multi4.out	Ave real = 14.20	Ave sys = 7.99	Ave user = 1.58
For multi5.out	Ave real = 15.48	Ave sys = 9.70	Ave user = 2.02
For multi6.out	Ave real = 18.95	Ave sys = 11.88	Ave user = 2.40
For pipes.out	Ave real = 5.38	Ave sys = 2.52	Ave user = 0.02
For scall.out	Ave real = 9.75	Ave sys = 8.69	Ave user = 1.01
For sieve.out	Ave real = 3.21	Ave sys = 0.03	Ave user = 3.10

28XTL64 511 311

For dread.out	Ave real = 10.71	Ave sys = 2.76	Ave user = 0.01
For dwrite.out	Ave real = 5.31	Ave sys = 1.74	Ave user = 0.00
For fcalla.out	Ave real = 0.31	Ave sys = 0.00	Ave user = 0.20
For fcalle.out	Ave real = 1.21	Ave sys = 0.01	Ave user = 1.13
For loop.out	Ave real = 7.92	Ave sys = 0.01	Ave user = 7.80
For multi1.out	Ave real = 5.57	Ave sys = 2.14	Ave user = 0.41
For multi10.out	Ave real = 34.47	Ave sys = 20.18	Ave user = 3.94
For multi2.out	Ave real = 7.02	Ave sys = 3.97	Ave user = 0.74
For multi20.out	Ave real = 83.08	Ave sys = 42.12	Ave user = 8.61
For multi3.out	Ave real = 10.89	Ave sys = 5.97	Ave user = 1.16
For multi4.out	Ave real = 14.40	Ave sys = 7.87	Ave user = 1.67
For multi5.out	Ave real = 15.46	Ave sys = 9.65	Ave user = 1.94
For multi6.out	Ave real = 18.11	Ave sys = 11.49	Ave user = 2.45
For pipes.out	Ave real = 5.39	Ave sys = 2.44	Ave user = 0.01
For scall.out	Ave real = 9.76	Ave sys = 8.66	Ave user = 1.03
For sieve.out	Ave real = 3.21	Ave sys = 0.01	Ave user = 3.10

Z80TL64 611 311

For dread.out	Ave real = 11.12	Ave sys = 2.85	Ave user = 0.02
For dwrite.out	Ave real = 2.78	Ave sys = 1.67	Ave user = 0.01
For fcalla.out	Ave real = 0.30	Ave sys = 0.01	Ave user = 0.20
For fcalle.out	Ave real = 1.21	Ave sys = 0.00	Ave user = 1.12
For loop.out	Ave real = 7.93	Ave sys = 0.01	Ave user = 7.80
For multi1.out	Ave real = 5.08	Ave sys = 2.22	Ave user = 0.38
For multi10.out	Ave real = 33.76	Ave sys = 19.63	Ave user = 4.09
For multi2.out	Ave real = 7.03	Ave sys = 4.02	Ave user = 0.72
For multi20.out	Ave real = 78.77	Ave sys = 40.99	Ave user = 8.43
For multi3.out	Ave real = 10.84	Ave sys = 6.09	Ave user = 1.16
For multi4.out	Ave real = 12.81	Ave sys = 7.64	Ave user = 1.64
For multi5.out	Ave real = 15.70	Ave sys = 9.58	Ave user = 1.97
For multi6.out	Ave real = 18.16	Ave sys = 11.45	Ave user = 2.34
For pipes.out	Ave real = 5.36	Ave sys = 2.51	Ave user = 0.01
For scall.out	Ave real = 9.74	Ave sys = 8.70	Ave user = 0.99
For sieve.out	Ave real = 3.21	Ave sys = 0.01	Ave user = 3.10

Z80CTL64

811 311

For dread.out	Ave real = 11.11	Ave sys = 2.87	Ave user = 0.02
For dwrite.out	Ave real = 5.11	Ave sys = 1.69	Ave user = 0.00
For fcalla.out	Ave real = 0.31	Ave sys = 0.00	Ave user = 0.20
For fcalle.out	Ave real = 1.22	Ave sys = 0.00	Ave user = 1.13
For loop.out	Ave real = 7.92	Ave sys = 0.01	Ave user = 7.80
For multi1.out	Ave real = 5.63	Ave sys = 2.22	Ave user = 0.37
For multi10.out	Ave real = 35.73	Ave sys = 20.19	Ave user = 3.96
For multi2.out	Ave real = 7.71	Ave sys = 3.98	Ave user = 0.80
For multi20.out	Ave real = 82.02	Ave sys = 41.89	Ave user = 8.61
For multi3.out	Ave real = 10.00	Ave sys = 5.73	Ave user = 1.16
For multi4.out	Ave real = 13.39	Ave sys = 7.73	Ave user = 1.59
For multi5.out	Ave real = 15.10	Ave sys = 9.33	Ave user = 1.96
For multi6.out	Ave real = 17.75	Ave sys = 11.06	Ave user = 2.44
For pipes.out	Ave real = 5.37	Ave sys = 2.51	Ave user = 0.02
For scall.out	Ave real = 9.74	Ave sys = 8.66	Ave user = 1.04
For sieve.out	Ave real = 3.22	Ave sys = 0.02	Ave user = 3.10

280QTL64

711

311

For dread.out	Ave real = 9.08	Ave sys = 2.79	Ave user = 0.01
For dwrite.out	Ave real = 3.54	Ave sys = 1.74	Ave user = 0.00
For fcalla.out	Ave real = 0.30	Ave sys = 0.00	Ave user = 0.20
For fcalle.out	Ave real = 1.21	Ave sys = 0.00	Ave user = 1.13
For loop.out	Ave real = 7.92	Ave sys = 0.01	Ave user = 7.80
For multi1.out	Ave real = 4.89	Ave sys = 2.22	Ave user = 0.35
For multi10.out	Ave real = 33.96	Ave sys = 20.06	Ave user = 3.90
For multi2.out	Ave real = 6.88	Ave sys = 4.02	Ave user = 0.73
For multi20.out	Ave real = 77.98	Ave sys = 42.28	Ave user = 8.25
For multi3.out	Ave real = 9.62	Ave sys = 5.90	Ave user = 1.13
For multi4.out	Ave real = 13.55	Ave sys = 7.83	Ave user = 1.60
For multi5.out	Ave real = 15.14	Ave sys = 9.40	Ave user = 1.90
For multi6.out	Ave real = 16.99	Ave sys = 11.14	Ave user = 2.41
For pipes.out	Ave real = 5.37	Ave sys = 2.50	Ave user = 0.01
For scall.out	Ave real = 9.75	Ave sys = 8.65	Ave user = 1.03
For sieve.out	Ave real = 3.21	Ave sys = 0.01	Ave user = 3.10

2806764 911 311

For dread.out	Ave real = 9.51	Ave sys = 2.78	Ave user = 0.00
For dwrite.out	Ave real = 4.31	Ave sys = 1.80	Ave user = 0.00
For fcalla.out	Ave real = 0.30	Ave sys = 0.01	Ave user = 0.20
For fcalle.out	Ave real = 1.21	Ave sys = 0.01	Ave user = 1.12
For loop.out	Ave real = 7.92	Ave sys = 0.04	Ave user = 7.80
For multi1.out	Ave real = 5.16	Ave sys = 2.20	Ave user = 0.37
For multi10.out	Ave real = 32.68	Ave sys = 19.97	Ave user = 4.07
For multi2.out	Ave real = 8.12	Ave sys = 4.27	Ave user = 0.77
For multi20.out	Ave real = 77.67	Ave sys = 41.65	Ave user = 8.25
For multi3.out	Ave real = 10.97	Ave sys = 6.12	Ave user = 1.13
For multi4.out	Ave real = 13.29	Ave sys = 7.96	Ave user = 1.50
For multi5.out	Ave real = 15.43	Ave sys = 9.75	Ave user = 2.07
For multi6.out	Ave real = 18.53	Ave sys = 11.57	Ave user = 2.36
For pipes.out	Ave real = 5.39	Ave sys = 2.47	Ave user = 0.01
For scall.out	Ave real = 9.77	Ave sys = 8.64	Ave user = 1.05
For sieve.out	Ave real = 3.21	Ave sys = 0.00	Ave user = 3.10

Z80CTL64 1011 311

For dread.out	Ave real = 10.19	Ave sys = 2.88	Ave user = 0.02
For dwrite.out	Ave real = 4.96	Ave sys = 1.74	Ave user = 0.00
For fcalla.out	Ave real = 0.31	Ave sys = 0.01	Ave user = 0.20
For fcalle.out	Ave real = 1.21	Ave sys = 0.00	Ave user = 1.14
For loop.out	Ave real = 7.93	Ave sys = 0.04	Ave user = 7.80
For multi1.out	Ave real = 5.43	Ave sys = 2.17	Ave user = 0.39
For multi10.out	Ave real = 34.47	Ave sys = 20.21	Ave user = 4.04
For multi2.out	Ave real = 7.97	Ave sys = 4.16	Ave user = 0.78
For multi20.out	Ave real = 75.40	Ave sys = 41.71	Ave user = 8.40
For multi3.out	Ave real = 10.65	Ave sys = 6.01	Ave user = 1.14
For multi4.out	Ave real = 13.47	Ave sys = 8.04	Ave user = 1.48
For multi5.out	Ave real = 16.68	Ave sys = 9.89	Ave user = 1.97
For multi6.out	Ave real = 17.91	Ave sys = 11.48	Ave user = 2.37
For pipes.out	Ave real = 5.41	Ave sys = 2.46	Ave user = 0.01
For scall.out	Ave real = 9.75	Ave sys = 8.64	Ave user = 1.05
For sieve.out	Ave real = 3.21	Ave sys = 0.01	Ave user = 3.10

28OCT64

111 311

For dread.out	Ave real = 10.82	Ave sys = 2.87	Ave user = 0.05
For dwrite.out	Ave real = 5.42	Ave sys = 1.73	Ave user = 0.00
For fcalla.out	Ave real = 0.31	Ave sys = 0.01	Ave user = 0.20
For fcalle.out	Ave real = 1.22	Ave sys = 0.03	Ave user = 1.13
For loop.out	Ave real = 7.93	Ave sys = 0.03	Ave user = 7.80
For multi1.out	Ave real = 5.60	Ave sys = 2.11	Ave user = 0.41
For multi10.out	Ave real = 35.38	Ave sys = 20.24	Ave user = 4.09
For multi2.out	Ave real = 7.06	Ave sys = 3.94	Ave user = 0.74
For multi20.out	Ave real = 79.06	Ave sys = 41.63	Ave user = 8.41
For multi3.out	Ave real = 11.73	Ave sys = 6.11	Ave user = 1.15
For multi4.out	Ave real = 13.43	Ave sys = 7.80	Ave user = 1.53
For multi5.out	Ave real = 15.92	Ave sys = 9.57	Ave user = 2.00
For multi6.out	Ave real = 18.21	Ave sys = 11.52	Ave user = 2.32
For pipes.out	Ave real = 5.37	Ave sys = 2.39	Ave user = 0.00
For scall.out	Ave real = 9.76	Ave sys = 8.65	Ave user = 1.06
For sieve.out	Ave real = 3.21	Ave sys = 0.02	Ave user = 3.10

Z80CTL64

1211 311

For dread.out	Ave real = 11.57	Ave sys = 2.83	Ave user = 0.04
For dwrite.out	Ave real = 2.41	Ave sys = 1.68	Ave user = 0.00
For fcalla.out	Ave real = 0.30	Ave sys = 0.00	Ave user = 0.20
For fcalle.out	Ave real = 1.22	Ave sys = 0.00	Ave user = 1.15
For loop.out	Ave real = 7.92	Ave sys = 0.01	Ave user = 7.80
For multi1.out	Ave real = 5.56	Ave sys = 2.15	Ave user = 0.40
For multi10.out	Ave real = 33.69	Ave sys = 19.77	Ave user = 4.03
For multi2.out	Ave real = 7.46	Ave sys = 3.82	Ave user = 0.84
For multi20.out	Ave real = 75.42	Ave sys = 41.27	Ave user = 8.14
For multi3.out	Ave real = 11.14	Ave sys = 5.94	Ave user = 1.16
For multi4.out	Ave real = 12.69	Ave sys = 7.70	Ave user = 1.50
For multi5.out	Ave real = 15.40	Ave sys = 9.46	Ave user = 1.98
For multi6.out	Ave real = 18.08	Ave sys = 11.32	Ave user = 2.37
For pipes.out	Ave real = 5.35	Ave sys = 2.47	Ave user = 0.02
For scall.out	Ave real = 9.76	Ave sys = 8.64	Ave user = 1.03
For sieve.out	Ave real = 3.21	Ave sys = 0.02	Ave user = 3.10

280CT64 1311 311

For dread.out	Ave real = 10.12	Ave sys = 2.76	Ave user = 0.01
For dwrite.out	Ave real = 2.88	Ave sys = 1.70	Ave user = 0.00
For fcalla.out	Ave real = 0.31	Ave sys = 0.01	Ave user = 0.20
For fcalle.out	Ave real = 1.21	Ave sys = 0.00	Ave user = 1.14
For loop.out	Ave real = 7.92	Ave sys = 0.02	Ave user = 7.80
For multi1.out	Ave real = 4.90	Ave sys = 2.18	Ave user = 0.36
For multi10.out	Ave real = 34.63	Ave sys = 19.94	Ave user = 3.95
For multi2.out	Ave real = 7.41	Ave sys = 4.19	Ave user = 0.71
For multi20.out	Ave real = 76.96	Ave sys = 41.35	Ave user = 8.32
For multi3.out	Ave real = 10.36	Ave sys = 6.05	Ave user = 1.15
For multi4.out	Ave real = 12.57	Ave sys = 7.67	Ave user = 1.52
For multi5.out	Ave real = 15.77	Ave sys = 9.61	Ave user = 1.94
For multi6.out	Ave real = 17.72	Ave sys = 11.38	Ave user = 2.35
For pipes.out	Ave real = 5.37	Ave sys = 2.32	Ave user = 0.04
For scall.out	Ave real = 9.77	Ave sys = 8.65	Ave user = 1.05
For sieve.out	Ave real = 3.21	Ave sys = 0.01	Ave user = 3.10

Z80CT64 1411 311

For dread.out	Ave real = 8.89	Ave sys = 2.87	Ave user = 0.02
For dwrite.out	Ave real = 3.63	Ave sys = 1.72	Ave user = 0.00
For fcalla.out	Ave real = 0.30	Ave sys = 0.00	Ave user = 0.20
For fcalle.out	Ave real = 1.21	Ave sys = 0.00	Ave user = 1.13
For loop.out	Ave real = 7.93	Ave sys = 0.04	Ave user = 7.80
For multi1.out	Ave real = 4.99	Ave sys = 2.18	Ave user = 0.39
For multi10.out	Ave real = 34.06	Ave sys = 20.01	Ave user = 4.22
For multi2.out	Ave real = 6.86	Ave sys = 3.96	Ave user = 0.77
For multi20.out	Ave real = 80.10	Ave sys = 42.38	Ave user = 8.34
For multi3.out	Ave real = 10.09	Ave sys = 5.95	Ave user = 1.17
For multi4.out	Ave real = 12.74	Ave sys = 7.73	Ave user = 1.59
For multi5.out	Ave real = 14.78	Ave sys = 9.49	Ave user = 1.99
For multi6.out	Ave real = 18.05	Ave sys = 11.41	Ave user = 2.34
For pipes.out	Ave real = 5.39	Ave sys = 2.41	Ave user = 0.00
For scall.out	Ave real = 9.76	Ave sys = 8.69	Ave user = 1.00
For sieve.out	Ave real = 3.21	Ave sys = 0.02	Ave user = 3.10

Z80CTL64 1511 311

For dread.out	Ave real = 9.58	Ave sys = 2.77	Ave user = 0.03
For dwrite.out	Ave real = 4.42	Ave sys = 1.75	Ave user = 0.00
For fcalla.out	Ave real = 0.31	Ave sys = 0.00	Ave user = 0.20
For fcalle.out	Ave real = 1.22	Ave sys = 0.00	Ave user = 1.16
For loop.out	Ave real = 7.93	Ave sys = 0.03	Ave user = 7.80
For multi1.out	Ave real = 5.26	Ave sys = 2.21	Ave user = 0.41
For multi10.out	Ave real = 33.02	Ave sys = 20.09	Ave user = 3.98
For multi2.out	Ave real = 7.49	Ave sys = 4.14	Ave user = 0.69
For multi20.out	Ave real = 76.74	Ave sys = 42.03	Ave user = 8.36
For multi3.out	Ave real = 10.93	Ave sys = 6.02	Ave user = 1.13
For multi4.out	Ave real = 12.77	Ave sys = 7.74	Ave user = 1.60
For multi5.out	Ave real = 16.23	Ave sys = 9.88	Ave user = 1.89
For multi6.out	Ave real = 18.96	Ave sys = 11.83	Ave user = 2.30
For pipes.out	Ave real = 5.38	Ave sys = 2.42	Ave user = 0.02
For scall.out	Ave real = 9.76	Ave sys = 8.67	Ave user = 1.03
For sieve.out	Ave real = 3.21	Ave sys = 0.01	Ave user = 3.10

28OCT64

1611 311

For dread.out	Ave real = 10.23	Ave sys = 2.76	Ave user = 0.02
For dwrite.out	Ave real = 4.96	Ave sys = 1.72	Ave user = 0.01
For fcalla.out	Ave real = 0.30	Ave sys = 0.01	Ave user = 0.20
For fcalle.out	Ave real = 1.22	Ave sys = 0.01	Ave user = 1.14
For loop.out	Ave real = 7.92	Ave sys = 0.01	Ave user = 7.80
For multi1.out	Ave real = 5.49	Ave sys = 2.23	Ave user = 0.31
For multi10.out	Ave real = 46.47	Ave sys = 19.48	Ave user = 4.27
For multi2.out	Ave real = 7.24	Ave sys = 3.96	Ave user = 0.85
For multi20.out	Ave real = 131.30	Ave sys = 40.43	Ave user = 8.00
For multi3.out	Ave real = 10.93	Ave sys = 6.10	Ave user = 1.23
For multi4.out	Ave real = 13.05	Ave sys = 7.86	Ave user = 1.58
For multi5.out	Ave real = 15.73	Ave sys = 9.79	Ave user = 2.01
For multi6.out	Ave real = 18.21	Ave sys = 11.50	Ave user = 2.36
For pipes.out	Ave real = 5.40	Ave sys = 2.49	Ave user = 0.02
For scall.out	Ave real = 9.76	Ave sys = 8.66	Ave user = 1.03
For sieve.out	Ave real = 3.21	Ave sys = 0.02	Ave user = 3.10

28xTL65

811 211

For dread.out Ave real = 5.98 Ave sys = 2.08 Ave user = 0.01
For dwrite.out Ave real = 2.32 Ave sys = 1.28 Ave user = 0.00
For fcalla.out Ave real = 0.31 Ave sys = 0.01 Ave user = 0.20
For fcalle.out Ave real = 1.22 Ave sys = 0.00 Ave user = 1.13
For loop.out Ave real = 7.92 Ave sys = 0.01 Ave user = 7.80
For multi1.out Ave real = 2.49 Ave sys = 1.76 Ave user = 0.37
For multi10.out Ave real = 22.68 Ave sys = 16.41 Ave user = 3.78
For multi12.out Ave real = 4.57 Ave sys = 3.33 Ave user = 0.73
For multi20.out Ave real = 46.19 Ave sys = 33.16 Ave user = 7.64
For multi13.out Ave real = 6.77 Ave sys = 4.91 Ave user = 1.14
For multi14.out Ave real = 9.02 Ave sys = 6.44 Ave user = 1.59
For multi15.out Ave real = 11.29 Ave sys = 8.16 Ave user = 1.85
For multi16.out Ave real = 13.62 Ave sys = 9.88 Ave user = 2.22
For pipes.out Ave real = 5.11 Ave sys = 2.30 Ave user = 0.05
For scall.out Ave real = 7.81 Ave sys = 6.62 Ave user = 1.13
For sieve.out Ave real = 3.21 Ave sys = 0.00 Ave user = 3.10

20-Nov
clear H/S
Return F
77 + 101 + 39 = 88
05.072 = 88
3(1/2)
3.2(38)

2708
10000
15000
10000
10000

15000
10000
10000
10000

149.627
195

Test
1/6
Test
1/6
Test
1/6

2:1

1/1
1/1
1/1

4

For dread.out	Ave real = 11.09	Ave sys = 2.82	Ave user = 0.03
For dwrite.out	Ave real = 2.74	Ave sys = 1.72	Ave user = 0.01
For fcalla.out	Ave real = 0.30	Ave sys = 0.00	Ave user = 0.20
For fcalle.out	Ave real = 1.21	Ave sys = 0.01	Ave user = 1.13
For loop.out	Ave real = 7.93	Ave sys = 0.01	Ave user = 7.80
For multi1.out	Ave real = 5.08	Ave sys = 2.20	Ave user = 0.39
For multi10.out	Ave real = 35.10	Ave sys = 20.30	Ave user = 4.10
For multi2.out	Ave real = 7.65	Ave sys = 4.11	Ave user = 0.76
For multi20.out	Ave real = 79.79	Ave sys = 41.77	Ave user = 8.21
For multi3.out	Ave real = 10.98	Ave sys = 6.02	Ave user = 1.20
For multi4.out	Ave real = 12.75	Ave sys = 7.63	Ave user = 1.57
For multi5.out	Ave real = 15.47	Ave sys = 9.60	Ave user = 1.99
For multi6.out	Ave real = 17.43	Ave sys = 11.09	Ave user = 2.30
For pipes.out	Ave real = 5.37	Ave sys = 2.41	Ave user = 0.01
For scall.out	Ave real = 9.76	Ave sys = 8.66	Ave user = 1.04
For sieve.out	Ave real = 3.21	Ave sys = 0.01	Ave user = 3.10

2806TL65 811 311

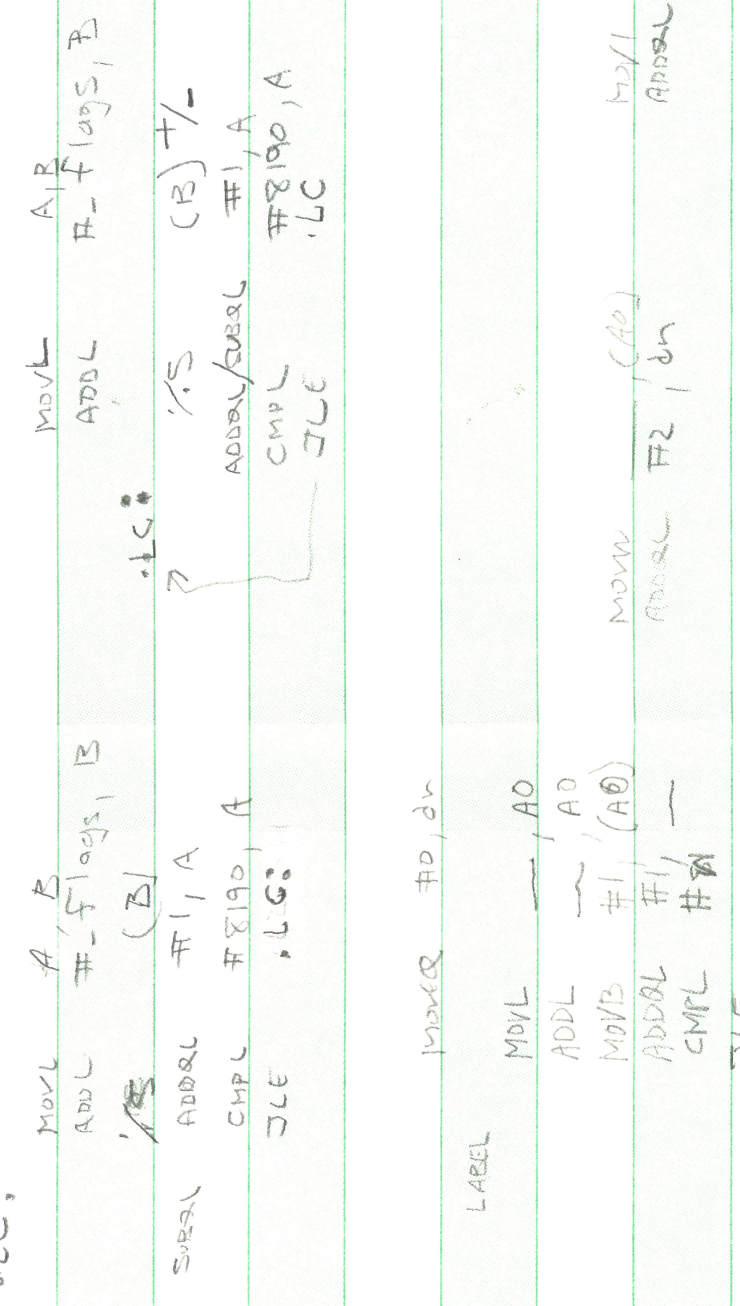
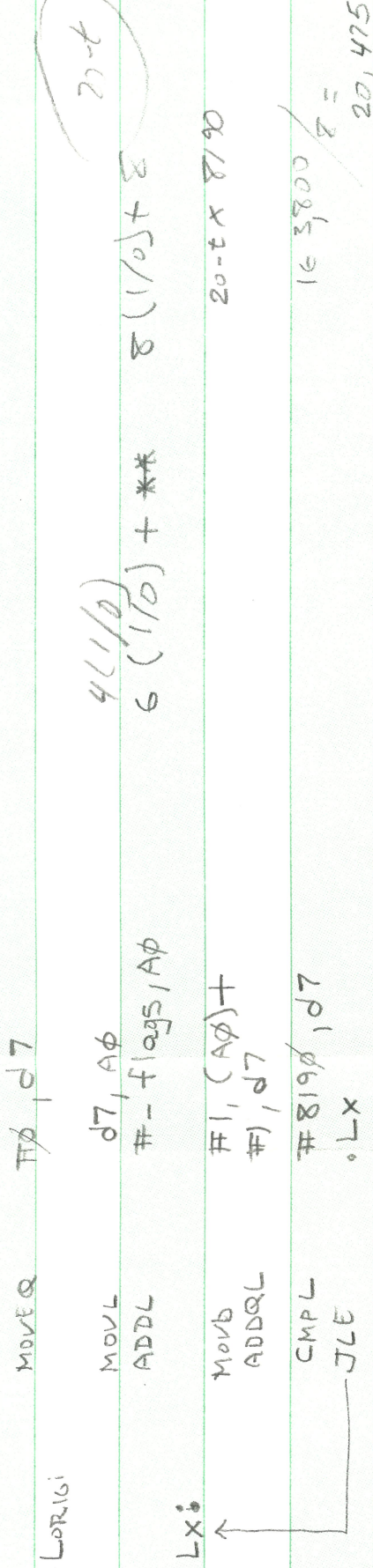
For dread.out	Ave real = 9.10	Ave sys = 2.69	Ave user = 0.04
For dwrite.out	Ave real = 3.60	Ave sys = 1.63	Ave user = 0.00
For fcalla.out	Ave real = 0.50	Ave sys = 0.08	Ave user = 0.21
For fcalle.out	Ave real = 1.40	Ave sys = 0.08	Ave user = 1.14
For loop.out	Ave real = 8.00	Ave sys = 0.09	Ave user = 7.80
For multi1.out	Ave real = 4.00	Ave sys = 1.94	Ave user = 0.23
For multi10.out	Ave real = 27.80	Ave sys = 17.18	Ave user = 2.86
For multi2.out	Ave real = 7.00	Ave sys = 3.73	Ave user = 0.55
For multi20.out	Ave real = 58.10	Ave sys = 35.66	Ave user = 5.44
For multi3.out	Ave real = 8.40	Ave sys = 5.02	Ave user = 0.85
For multi4.out	Ave real = 10.20	Ave sys = 6.62	Ave user = 1.16
For multi5.out	Ave real = 12.80	Ave sys = 8.31	Ave user = 1.26
For multi6.out	Ave real = 15.00	Ave sys = 9.86	Ave user = 1.50
For pipes.out	Ave real = 5.70	Ave sys = 2.49	Ave user = 0.02
For scall.out	Ave real = 9.90	Ave sys = 8.70	Ave user = 1.04
For sieve.out	Ave real = 3.20	Ave sys = 0.09	Ave user = 3.10

D 311
Z 111
F 311

68K TESTS

25-MAR-85


```
.data
_flags,8191
.comm
.text
.globl _main
_main:
    link    a6,#-LF1
    tstb    -.LM1-132(sp)
    moveml  #.LS1,-(a7)
    ! A1 = 8
    moveq   #1,d3
    .L200008:
        moveq   #0,d4
        moveq   #0,d7
    .L200001:
        movl    d7,a0
        addl    #_flags,a0
        movb    #1,(a0)
        addq1   #1,d7
        cmpl    #8190,d7
        jle     .L200001
    .L200006:
        movl    d7,a0
        addl    #_flags,a0
        tstb    (a0)
        jeq     .L20
        movl    d7,d6
        addl    d7,d6
        addq1   #3,d6
        movl    d7,d5
    .L200002:
        addl    d6,d5
        jra     .L26
    .L200004:
        movl    d5,a0
        addl    #_flags,a0
        clrb    (a0)
        jra     .L26
    .L26:
        cmpl    #8190,d5
        jle     .L200004
        addq1   #1,d4
    .L20:
        addq1   #1,d7
        cmpl    #8190,d7
        jle     .L200006
        addq1   #1,d3
        cmpl    #10,d3
        jle     .L200008
        moveml  (a7)+,#0xf8
        unlk    a6
        rts
.LF1 = 0
.LS1 = 0x1f00
.LM1 = 20
.data
```



movl
addl

.LF1 = 0
.LS1 = 0x1f00
.LM1 = 20
.data

For dread.out		Ave real = 8.60	Ave sys = 2.68	Ave user = 0.02
For dwrite.out		Ave real = 3.50	Ave sys = 1.63	Ave user = 0.00
For fcalla.out		Ave real = 0.30	Ave sys = 0.00	Ave user = 0.20
For fcalle.out	1.40	Ave real = 1.40	Ave sys = 0.01	Ave user = 1.13
For loop.out	8.00	Ave real = 8.00	Ave sys = 0.02	Ave user = 7.80
For multi1.out	4.00	Ave real = 3.80	Ave sys = 1.90	Ave user = 0.28
For multi10.out	27.89	Ave real = 27.89	Ave sys = 18.66	Ave user = 3.01
For multi2.out		Ave real = 6.90	Ave sys = 3.86	Ave user = 0.60
For multi20.out		Ave real = 61.10	Ave sys = 40.25	Ave user = 6.02
For multi3.out	8.40	Ave real = 8.40	Ave sys = 5.40	Ave user = 0.77
For multi4.out	10.20	Ave real = 11.20	Ave sys = 7.25	Ave user = 1.12
For multi5.out	12.70	Ave real = 13.70	Ave sys = 8.98	Ave user = 1.45
For multi6.out	16.30	Ave real = 16.30	Ave sys = 11.07	Ave user = 1.61
For pipes.out	2.47	Ave real = 5.40	Ave sys = 2.47	Ave user = 0.03
For scall.out	8.60	Ave real = 9.90	Ave sys = 8.60	Ave user = 1.10
For sieve.out		Ave real = 3.20	Ave sys = 0.04	Ave user = 3.10

Z80CTL56

RELEASED 3.1 CORE

311/911

D/N/time Cot /usr/dict/words 1:33.0 7.1 48.1