

```

150, ../OUTPUT/PA5-HighRes-C-Debug_Output.txt, 6
107.481, 59.1001, -14.939, -45.6231, -46.8817, -1.64123,
-32.30 -3.53 -10.80 -32.30 -3.54 -10.80 0.004
 10.07  4.17 -18.99  10.07  4.17 -18.99 0.001
 -3.69 -25.35 -31.26 -3.69 -25.35 -31.26 0.002
-38.79 -14.95 -39.84 -38.78 -14.95 -39.84 0.003
 -4.16 -3.19 -39.16 -4.16 -3.19 -39.16 0.004
  2.24 17.65  4.47  2.24 17.65  4.47 0.001
-24.03  8.20 -18.47 -24.03  8.20 -18.47 0.001
 15.26 -4.89 25.50  15.26 -4.89 25.50 0.002
-41.92 -8.66 -36.41 -41.92 -8.66 -36.42 0.005
 11.65  5.77 70.39  11.65  5.77 70.39 0.001
-33.19  3.36 -38.40 -33.19  3.36 -38.40 0.002
-37.75 -21.04 -16.92 -37.75 -21.04 -16.92 0.001
-10.31 -26.44 -13.94 -10.31 -26.44 -13.94 0.001
 17.78 -16.71 -15.31  17.78 -16.71 -15.31 0.002
 28.14 -10.32 -8.00  28.14 -10.32 -8.00 0.001
-19.29 -33.17 -20.34 -19.29 -33.18 -20.34 0.004
  0.89 17.71  6.52  0.89 17.71  6.52 0.002
 27.90  9.40 16.63  27.90  9.40 16.63 0.002
-32.52 -15.24 -45.55 -32.52 -15.24 -45.55 0.002
 -1.04 -9.16 -30.70 -1.05 -9.17 -30.70 0.003
-11.35 -14.93 -5.25 -11.35 -14.93 -5.25 0.001
  4.43 -6.53 24.55  4.43 -6.53 24.55 0.001
-33.74  1.81 -14.60 -33.74  1.81 -14.60 0.002
 -0.83 24.66 20.52 -0.83 24.66 20.52 0.002
-10.89  3.94 -2.25 -10.88  3.94 -2.25 0.003
 11.87 -5.45 23.77  11.87 -5.44 23.77 0.008
 -0.73 -11.42 -34.76 -0.74 -11.43 -34.76 0.009
 -5.64  1.53 53.88 -5.64  1.53 53.88 0.004
 33.87  7.00 -24.01  33.87  7.00 -24.01 0.004
 12.52  9.43 70.68  12.52  9.43 70.68 0.001
-24.68 -25.34 -9.55 -24.68 -25.34 -9.55 0.003
-36.36  4.31 -24.46 -36.36  4.31 -24.46 0.002
 -0.06 -0.76 -27.35 -0.06 -0.76 -27.35 0.001
  1.90 -12.76 -24.98  1.90 -12.76 -24.98 0.001
  6.65 -6.77 -25.39  6.65 -6.77 -25.39 0.001
  2.68 16.53 65.85  2.68 16.53 65.85 0.001
-11.06 -17.94 -7.90 -11.06 -17.94 -7.90 0.001
  6.17 -5.27 43.23  6.17 -5.27 43.23 0.002
 -6.36  7.77 -25.97 -6.36  7.77 -25.97 0.002
 20.06  8.23 56.37  20.06  8.23 56.37 0.004
-17.00 -33.52 -25.41 -17.00 -33.52 -25.41 0.001
 35.92  2.90  5.22  35.92  2.90  5.22 0.001
-24.60 -12.84 -5.69 -24.60 -12.84 -5.69 0.003
-13.73 21.10 32.46 -13.74 21.10 32.46 0.003
 18.66 -6.13 12.08  18.66 -6.13 12.08 0.000
  9.23  5.04 69.93  9.23  5.04 69.93 0.001
-44.58 -14.95 -29.17 -44.58 -14.95 -29.17 0.003
-12.70 -0.47  3.45 -12.70 -0.47  3.45 0.004
 -5.23  0.98 48.84 -5.22  0.98 48.84 0.007
  1.34 -14.64 -26.30  1.34 -14.64 -26.30 0.000
 30.32 19.02 -12.35  30.33 19.03 -12.35 0.006

```

20.28	4.27	-30.35	20.28	4.27	-30.35	0.000
-3.65	0.40	70.07	-3.65	0.40	70.08	0.003
23.09	23.86	-21.23	23.09	23.86	-21.23	0.002
-3.08	22.01	36.79	-3.08	22.00	36.79	0.004
5.16	-14.31	-21.38	5.16	-14.31	-21.38	0.002
29.81	3.79	12.82	29.80	3.79	12.82	0.001
0.34	-19.62	-32.33	0.34	-19.62	-32.33	0.002
21.62	-5.31	-30.61	21.62	-5.31	-30.61	0.001
2.71	-4.90	47.42	2.71	-4.90	47.42	0.002
28.97	13.03	13.34	28.97	13.03	13.34	0.000
14.92	-5.75	16.83	14.92	-5.75	16.83	0.003
18.25	25.14	-11.65	18.25	25.15	-11.65	0.004
-29.87	6.49	-17.34	-29.88	6.49	-17.34	0.001
-4.79	2.55	-33.69	-4.79	2.55	-33.69	0.005
-43.28	-18.32	-31.11	-43.28	-18.32	-31.11	0.004
-6.69	2.70	58.83	-6.68	2.70	58.82	0.005
15.09	25.05	-8.18	15.09	25.05	-8.18	0.000
-5.87	6.44	42.46	-5.87	6.44	42.46	0.002
-5.05	-19.10	-41.74	-5.05	-19.10	-41.74	0.004
-3.03	-3.81	-36.21	-3.03	-3.81	-36.21	0.004
32.85	-5.08	-24.95	32.85	-5.08	-24.95	0.002
5.69	22.17	28.25	5.69	22.16	28.25	0.007
13.23	-6.82	12.13	13.23	-6.82	12.13	0.005
-6.25	-10.57	-43.85	-6.26	-10.57	-43.85	0.004
6.92	19.24	46.66	6.92	19.24	46.66	0.000
12.31	2.54	70.63	12.31	2.54	70.63	0.001
-40.89	-14.75	-34.26	-40.89	-14.75	-34.26	0.000
20.30	15.85	-30.57	20.30	15.85	-30.57	0.000
8.40	23.74	17.61	8.40	23.74	17.61	0.004
1.00	0.74	-25.73	1.00	0.74	-25.73	0.002
1.87	13.06	-1.94	1.87	13.06	-1.94	0.001
30.75	15.98	6.93	30.75	15.98	6.93	0.003
17.93	20.76	24.77	17.93	20.75	24.77	0.006
-18.06	-3.70	-47.70	-18.06	-3.70	-47.70	0.001
19.87	8.64	58.31	19.86	8.64	58.31	0.002
17.58	-9.71	-0.15	17.58	-9.71	-0.15	0.002
14.76	19.50	51.78	14.76	19.50	51.78	0.001
1.24	-16.89	-27.03	1.24	-16.89	-27.04	0.003
-5.20	10.77	49.75	-5.20	10.77	49.75	0.000
-6.12	1.71	59.22	-6.12	1.70	59.22	0.004
29.72	-8.76	-26.73	29.72	-8.76	-26.73	0.001
-38.08	-19.96	-16.30	-38.08	-19.96	-16.30	0.000
-22.26	-31.68	-36.58	-22.26	-31.68	-36.58	0.001
-34.99	-26.90	-32.12	-35.00	-26.90	-32.12	0.001
-6.60	7.08	29.58	-6.60	7.08	29.58	0.002
32.29	-8.92	-17.45	32.30	-8.92	-17.45	0.002
27.17	4.23	17.40	27.17	4.23	17.40	0.001
27.59	14.79	-27.23	27.59	14.79	-27.23	0.002
-12.56	8.52	-37.90	-12.56	8.53	-37.90	0.004
27.56	21.15	-4.52	27.57	21.15	-4.52	0.004
-40.10	-5.40	-16.45	-40.11	-5.40	-16.44	0.003
14.97	23.51	-16.21	14.97	23.51	-16.21	0.001
-20.50	10.25	-36.88	-20.50	10.25	-36.87	0.004
-28.96	9.73	-29.49	-28.96	9.73	-29.49	0.002

-24.49	-2.73	-10.33	-24.49	-2.73	-10.33	0.002
-5.79	8.42	57.57	-5.79	8.42	57.57	0.003
0.25	-20.58	-26.12	0.25	-20.58	-26.12	0.000
-41.54	-18.61	-34.59	-41.54	-18.61	-34.59	0.001
-7.75	8.73	-26.61	-7.75	8.73	-26.61	0.003
-5.24	1.15	52.21	-5.24	1.15	52.21	0.003
-6.39	7.90	-13.77	-6.39	7.91	-13.77	0.002
5.87	-5.41	32.83	5.87	-5.41	32.83	0.004
9.80	-5.16	54.34	9.80	-5.17	54.34	0.007
-3.99	-15.26	-7.26	-3.99	-15.26	-7.26	0.003
9.25	4.72	-18.73	9.25	4.72	-18.73	0.002
9.79	16.38	-10.17	9.79	16.38	-10.17	0.002
-3.74	-8.33	10.07	-3.74	-8.33	10.07	0.002
-29.51	0.81	-13.92	-29.51	0.81	-13.92	0.003
-40.97	-19.42	-21.80	-40.96	-19.42	-21.80	0.002
-39.07	-16.65	-37.34	-39.07	-16.65	-37.34	0.001
-0.42	15.66	58.69	-0.42	15.67	58.69	0.006
4.75	19.51	43.02	4.75	19.51	43.02	0.002
-31.49	-13.58	-6.54	-31.49	-13.58	-6.55	0.002
3.85	16.32	0.39	3.85	16.32	0.39	0.002
-7.79	-0.01	17.21	-7.79	-0.01	17.21	0.001
-6.69	-1.46	26.50	-6.69	-1.46	26.50	0.004
-44.41	-12.33	-25.79	-44.41	-12.33	-25.79	0.004
22.52	-0.33	26.26	22.52	-0.33	26.26	0.003
30.41	-3.55	-29.56	30.42	-3.55	-29.56	0.000
-37.82	-17.69	-40.26	-37.82	-17.69	-40.26	0.002
5.13	18.54	50.52	5.13	18.54	50.52	0.000
12.38	18.73	63.28	12.38	18.74	63.28	0.008
19.71	-5.61	14.64	19.71	-5.60	14.64	0.007
-9.77	-31.10	-25.65	-9.77	-31.11	-25.65	0.002
21.35	11.13	42.84	21.35	11.13	42.84	0.004
3.17	10.48	-8.99	3.17	10.48	-8.99	0.003
-6.53	-15.31	-6.43	-6.53	-15.31	-6.43	0.004
21.33	-8.18	-29.77	21.33	-8.18	-29.77	0.002
-33.20	0.31	-41.14	-33.20	0.31	-41.15	0.004
-5.78	-7.59	-42.52	-5.78	-7.59	-42.52	0.004
-8.35	11.35	15.24	-8.35	11.35	15.24	0.001
22.41	23.59	4.33	22.42	23.59	4.33	0.005
0.06	-20.20	-32.84	0.06	-20.20	-32.84	0.002
7.05	-7.04	17.19	7.05	-7.04	17.19	0.001
-6.13	-4.10	22.60	-6.14	-4.10	22.60	0.006
21.87	7.67	-30.83	21.86	7.67	-30.83	0.001
-3.46	-4.18	33.43	-3.46	-4.18	33.43	0.003
-0.72	-11.43	-34.65	-0.72	-11.43	-34.65	0.003
13.81	20.89	45.95	13.81	20.89	45.95	0.003