				LIST-OT-PITCHES- I ABLE					
PianoKey	319.50(639)	344.00(172)	370.50(741)	396.00(396)	417.00(417)	426.00(852)	468.00(936)	528.00(528)	570.00(285)
1	19.9688	21.5000	23.1563	24.7500	26.0625	26.6250	29.2500	33.0000	35.6250
2	21.1562	22.7785	24.5332	26.2217	27.6123	28.2082	30.9893	34.9623	37.7434
3	22.4142	24.1329	25.9920	27.7809	29.2542	29.8856	32.8320	37.0412	39.9877
4	23.7470	25.5680	27.5376	29.4329	30.9937	31.6626	34.7843	39.2438	42.3655
5	25.1590	27.0883	29.1750	31.1830	32.8367	33.5454	36.8527	41.5774	44.8847
6	26.6551	28.6991	30.9099	33.0373	34.7893	35.5401	39.0441	44.0497	47.5537
7	28.2401	30.4056	32.7479	35.0018	36.8579	37.6534	41.3657	46.6690	50.3814
8	29.9193	32.2136	34.6952	37.0831	39.0496	39.8924	43.8255	49.4441	53.3772
9	31.6984	34.1291	36.7583	39.2882	41.3716	42.2646	46.4315	52.3842	56.5512
10	33.5833	36.1585	38.9440	41.6244	43.8317	44.7777	49.1924	55.4992	59.9139
11	35.5803	38.3086	41.2597	44.0995	46.4381	47.4404	52.1176	58.7993	63.4765
12	37.6960	40.5866	43.7132	46.7218	49.1994	50.2613	55.2166	62.2957	67.2510
13	39.9375	43.0000	46.3125	49.5000	52.1250	53.2500	58.5000	66.0000	71.2500
14	42.3123	45.5569	49.0664	52.4434	55.2245	56.4164	61.9786	69.9246	75.4867
15	44.8283	48.2659	51.9840	55.5619	58.5083	59.7711	65.6640	74.0825	79.9754
16	47.4940	51.1359	55.0752	58.8658	61.9874	63.3253	69.5686	78.4877	84.7310
17	50.3181	54.1766	58.3501	62.3661	65.6734	67.0908	73.7054	83.1548	89.7694
18	53.3102	57.3981	61.8198	66.0746	69.5785	71.0802	78.0881	88.0994	95.1073
19	56.4802	60.8112	65.4958	70.0036	73.7159	75.3069	82.7315	93.3381	100.7630
20	59.8386	64.4272	69.3903	74.1662	78.0993	79.7849	87.6510	98.8883	106.7540
21			73.5165	78.5764	82.7433		92.8630	104.7680	113.1020
	63.3968	68.2582				84.5291			
22	67.1666	72.3171	77.8880	83.2487	87.6635	89.5555	98.3849	110.9980	119.8280
23	71.1605	76.6173	82.5195	88.1990	92.8762	94.8807	104.2350	117.5990	126.9530
24	75.3920	81.1732	87.4264	93.4436	98.3989	100.5230	110.4330	124.5910	134.5020
25	79.8750	86.0000	92.6250	99.0000	104.2500	106.5000	117.0000	132.0000	142.5000
26	84.6246	91.1138	98.1328	104.8870	110.4490	112.8330	123.9570	139.8490	150.9730
27	89.6567	96.5317	103.9680	111.1240	117.0170	119.5420	131.3280	148.1650	159.9510
28	94.9879	102.2720	110.1500	117.7320	123.9750	126.6510	139.1370	156.9750	169.4620
29	100.6360	108.3530	116.7000	124.7320	131.3470	134.1820	147.4110	166.3100	179.5390
30	106.6200	114.7960	123.6400	132.1490	139.1570	142.1600	156.1760	176.1990	190.2150
31	112.9600	121.6220	130.9920	140.0070	147.4320	150.6140	165.4630	186.6760	201.5250
32	119.6770	128.8540	138.7810	148.3320	156.1990	159.5700	175.3020	197.7770	213.5090
33	126.7940	136.5160	147.0330	157.1530	165.4870	169.0580	185.7260	209.5370	226.2050
34	134.3330	144.6340	155.7760	166.4970	175.3270	179.1110	196.7700	221.9970	239.6550
35	142.3210	153.2350	165.0390	176.3980	185.7520	189.7610	208.4700	235.1970	253.9060
36	150.7840	162.3460	174.8530	186.8870	196.7980	201.0450	220.8670	249.1830	269.0040
37	159.7500	172.0000	185.2500	198.0000	208.5000	213.0000	234.0000	264.0000	285.0000
38	169.2490	182.2280	196.2660	209.7740	220.8980	225.6660	247.9140	279.6980	301.9470
39	179.3130	193.0630	207.9360	222.2470	234.0330	239.0840	262.6560	296.3300	319.9020
40	189.9760	204.5440	220.3010	235.4630	247.9500	253.3010	278.2740	313.9510	338.9240
41	201.2720	216.7060	233.4000	249.4640	262.6940	268.3630	294.8220	332.6190	359.0770
42	213.2410	229.5920	247.2790	264.2980	278.3140	284.3210	312.3530	352.3980	380.4290
43	225.9210	243.2450	261.9830	280.0140	294.8640	301.2270	330.9260	373.3520	403.0510
44	239.3550	257.7090	277.5610	296.6650	312.3970	319.1390	350.6040	395.5530	427.0180
45	253.5870	273.0330	294.0660	314.3050	330.9730	338.1160	371.4520	419.0740	452.4090
46	268.6660	289.2680	311.5520	332.9950	350.6540	358.2220	393.5400	443.9930	479.3110
47	284.6420	306.4690	330.0780	352.7960	371.5050	379.5230	416.9410	470.3950	507.8120
48	301.5680	324.6930	349.7050	373.7740	393.5960	402.0900	441.7330	498.3660	538.0080
49	319.5000	344.0000	370.5000	396.0000	417.0000	426.0000	468.0000	528.0000	570.0000
50	338.4980	364.4550	392.5310	419.5470	441.7960	451.3310	495.8290	559.3970	603.8940
51	358.6270	386.1270	415.8720	444.4950	468.0670	478.1690	525.3120	592.6600	639.8030
52	379.9520	409.0870	440.6010	470.9260	495.8990	506.6020	556.5490	627.9010	677.8480
53	402.5450	433.4130	466.8010	498.9290	525.3870	536.7260	589.6430	665.2380	718.1550
54	426.4810	459.1850	494.5580	528.5970	556.6280	568.6420	624.7050	704.7950	760.8590
55	451.8410	486.4890	523.9660	560.0290	589.7270	602.4550	661.8520	746.7050	806.1020
56	478.7090	515.4180	555.1230	593.3300	624.7940	638.2790	701.2080	791.1060	854.0350
57	507.1750	546.0660	588.1320	628.6110	661.9460	676.2330	742.9040	838.1480	904.8190
58	537.3330	578.5370	623.1040	665.9900	701.3080	716.4440	787.0790	887.9870	958.6220
59	569.2840	612.9380	660.1560	705.5920	743.0100	759.0460	833.8810	940.7890	1015.6200
60	603.1360	649.3860	699.4110	747.5480	787.1910	804.1810	883.4660	996.7310	1076.0200
61	639.0000	688.0000	741.0000	792.0000	834.0000	852.0000	936.0000	1056.0000	1140.0000
62	676.9970	728.9110	785.0620	839.0950	883.5920	902.6630	991.6570	1118.7900	1207.7900
63	717.2530	772.2540	831.7440	888.9900	936.1330	956.3380	1050.6200	1185.3200	1279.6100
64	759.9030	818.1740	881.2020	941.8520	991.7990	1013.2000	1113.1000	1255.8000	1355.7000
65	805.0900	866.8260	933.6010	997.8570	1050.7700	1073.4500	1179.2900	1330.4800	1436.3100
66	852.9630	918.3700	989.1160	1057.1900	1113.2600	1137.2800	1249.4100	1409.5900	1521.7200
67	903.6820	972.9790	1047.9300	1120.0600	1179.4500	1204.9100	1323.7000	1493.4100	1612.2000
68	957.4180	1030.8400	1110.2500	1186.6600	1249.5900	1276.5600	1402.4200	1582.2100	1708.0700
69	1014.3500	1092.1300	1176.2600	1257.2200	1323.8900	1352.4700	1485.8100	1676.3000	1809.6400
70	1074.6700	1157.0700	1246.2100	1331.9800	1402.6200	1432.8900	1574.1600	1775.9700	1917.2400
71	1138.5700	1225.8800	1320.3100	1411.1800	1486.0200	1518.0900	1667.7600	1881.5800	2031.2500
72	1206.2700	1298.7700	1398.8200	1495.1000	1574.3800	1608.3600	1766.9300	1993.4600	2152.0300
73	1278.0000					1704.0000	1872.0000	2112.0000	
73 74		1376.0000	1482.0000	1584.0000 1678.1900	1668.0000 1767.1800				2280.0000
74 75	1353.9900 1434.5100	1457.8200	1570.1200			1805.3300	1983.3100 2101.2500	2237.5900 2370.6400	2415.5800
		1544.5100	1663.4900	1777.9800	1872.2700	1912.6800			2559.2100
76 77	1519.8100	1636.3500	1762.4000	1883.7000	1983.6000	2026.4100	2226.2000	2511.6100	2711.3900
77 70	1610.1800	1733.6500	1867.2000	1995.7100	2101.5500	2146.9100	2358.5700	2660.9500	2872.6200
78 70	1705.9300	1836.7400	1978.2300	2114.3900	2226.5100	2274.5700	2498.8200	2819.1800	3043.4300
79	1807.3600	1945.9600	2095.8600	2240.1100	2358.9100	2409.8200	2647.4100	2986.8200	3224.4100
80	1914.8400	2061.6700	2220.4900	2373.3200	2499.1800	2553.1200	2804.8300	3164.4200	3416.1400
81	2028.7000	2184.2600	2352.5300	2514.4400	2647.7800	2704.9300	2971.6100	3352.5900	3619.2700
82	2149.3300	2314.1500	2492.4200	2663.9600	2805.2300	2865.7700	3148.3200	3551.9500	3834.4900
83	2277.1400	2451.7500	2640.6200	2822.3700	2972.0400	3036.1800	3335.5200	3763.1600	4062.5000
84	2412.5400	2597.5400	2797.6400	2990.1900	3148.7600	3216.7200	3533.8700	3986.9300	4304.0700
85	2556.0000	2752.0000	2964.0000	3168.0000	3336.0000	3408.0000	3744.0000	4224.0000	4560.0000
86	2707.9900	2915.6400	3140.2500	3356.3800	3534.3700	3610.6500	3966.6300	4475.1700	4831.1500
87	2869.0100	3089.0200	3326.9800	3555.9600	3744.5300	3825.3500	4202.5000	4741.2800	5118.4300
88	3039.6100	3272.7000	3524.8100	3767.4100	3967.1900	4052.8200	4452.3900	5023.2100	5422.7800