Assignment 8

Crystal Mandal

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1 Question 1:

The music (40 sounds) generated with the requisite parameters is displayed below:
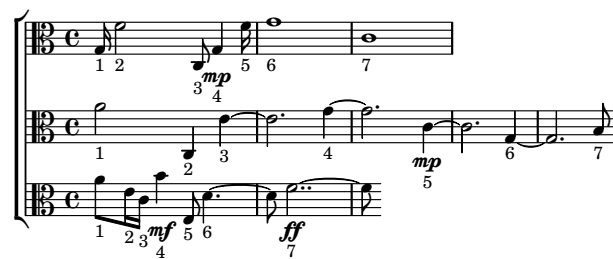
2 Question 2:

2.1 Markov Bank

The bank of pitches (first 7 sounds) used in markov chain generation is:

2.2 Markov Chain Table

The table generated for the Markov Chain is:

x	1	2	3	4	5	6	7
1	0.01	0.14	0.23	0.19	0.05	0.09	0.29
2	0.18	0.19	0.08	0.08	0.2	0.1	0.17
3	0.08	0.0	0.25	0.21	0.04	0.22	0.2
4	0.25	0.1	0.3	0.02	0.13	0.03	0.17
5	0.2	0.03	0.23	0.14	0.06	0.08	0.26
6	0.13	0.25	0.13	0.08	0.17	0.09	0.15
7	0.01	0.14	0.09	0.15	0.4	0.17	0.04

2.3   Markov Chain

The music (20 sounds) generated with the requisite parameters is displayed below:

3   Methodology

The music is generated by the 'assignment8.py' script in