

Save Load

Welcome!

CREATE YOUR OWN MUSIC

Algorithms and Interactive Tools for Exploring Music Composition, Analysis, and Interdisciplinary Learning. This Web site has interactive tools that provide a unique learning experience for users, regardless of their musical training. Students of music composition can explore algorithmic composition, while others can create musical representations of models for the purpose of aural interpretation and analysis. Here, the algorithmic process is used in a creative context so that users can convert sequences of numbers into sounds.

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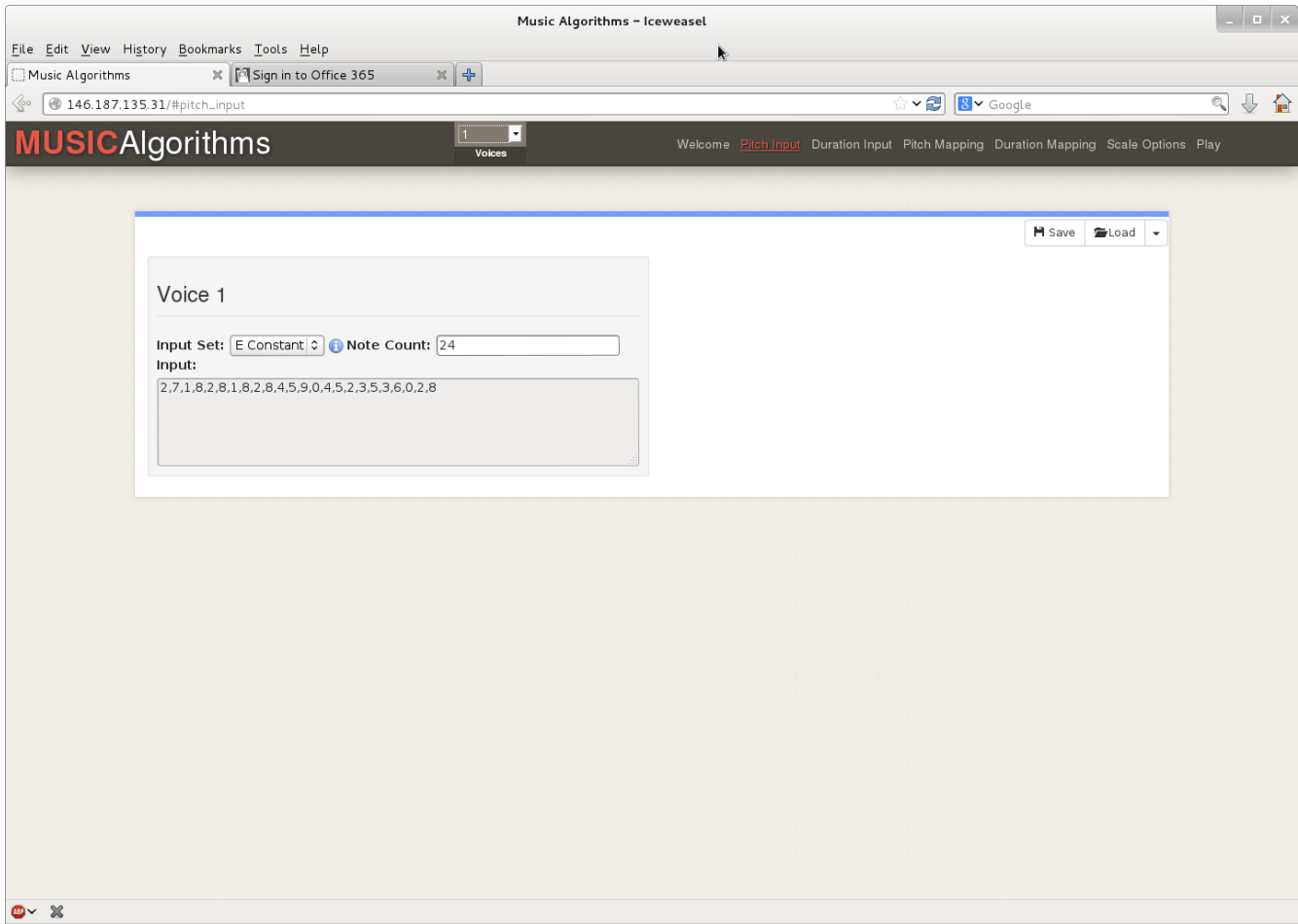
Music Algorithms developed by: Anthony Della, Kristi Marks, Michelet Chery, and Dylan Paulino

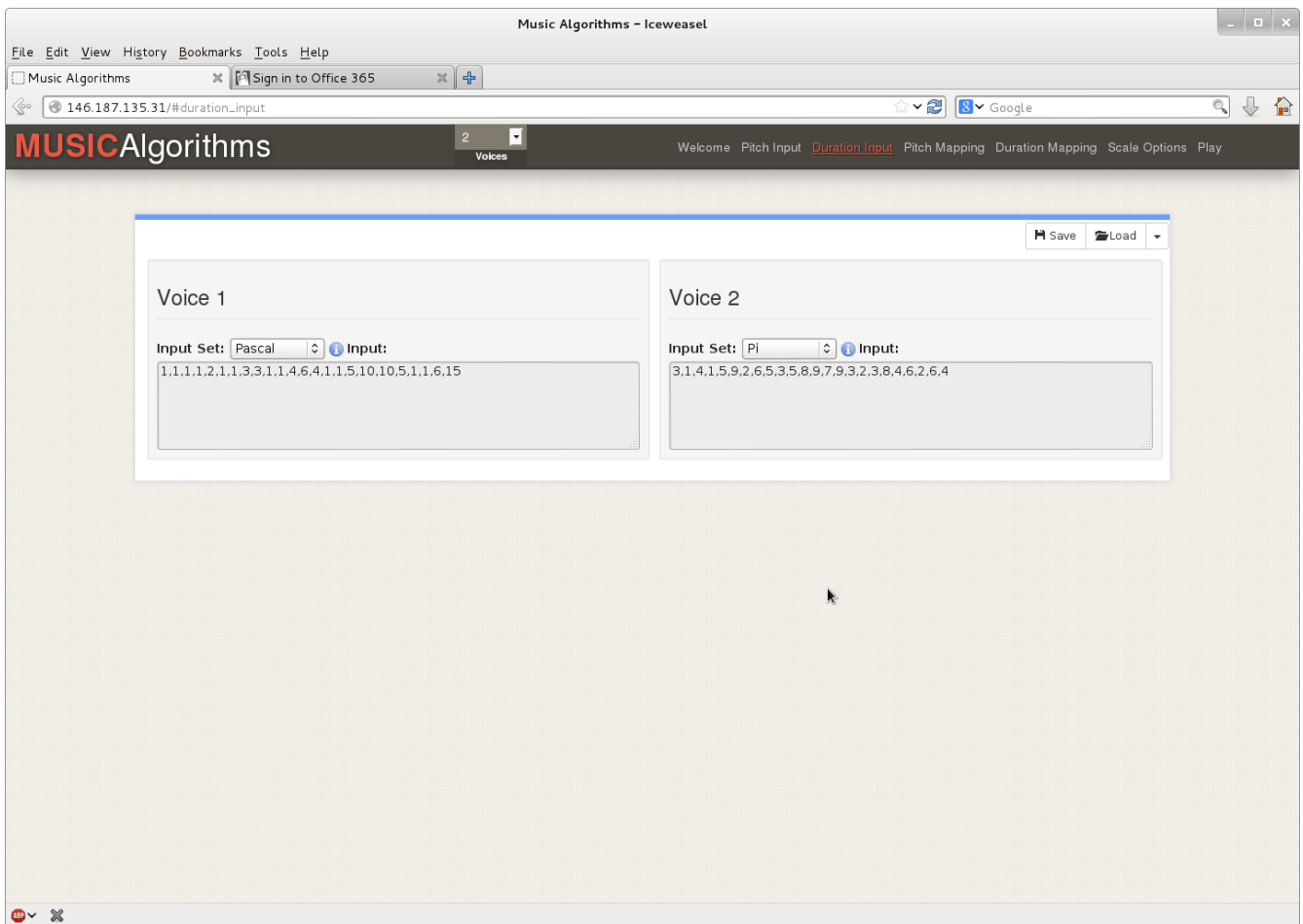
Music Algorithms

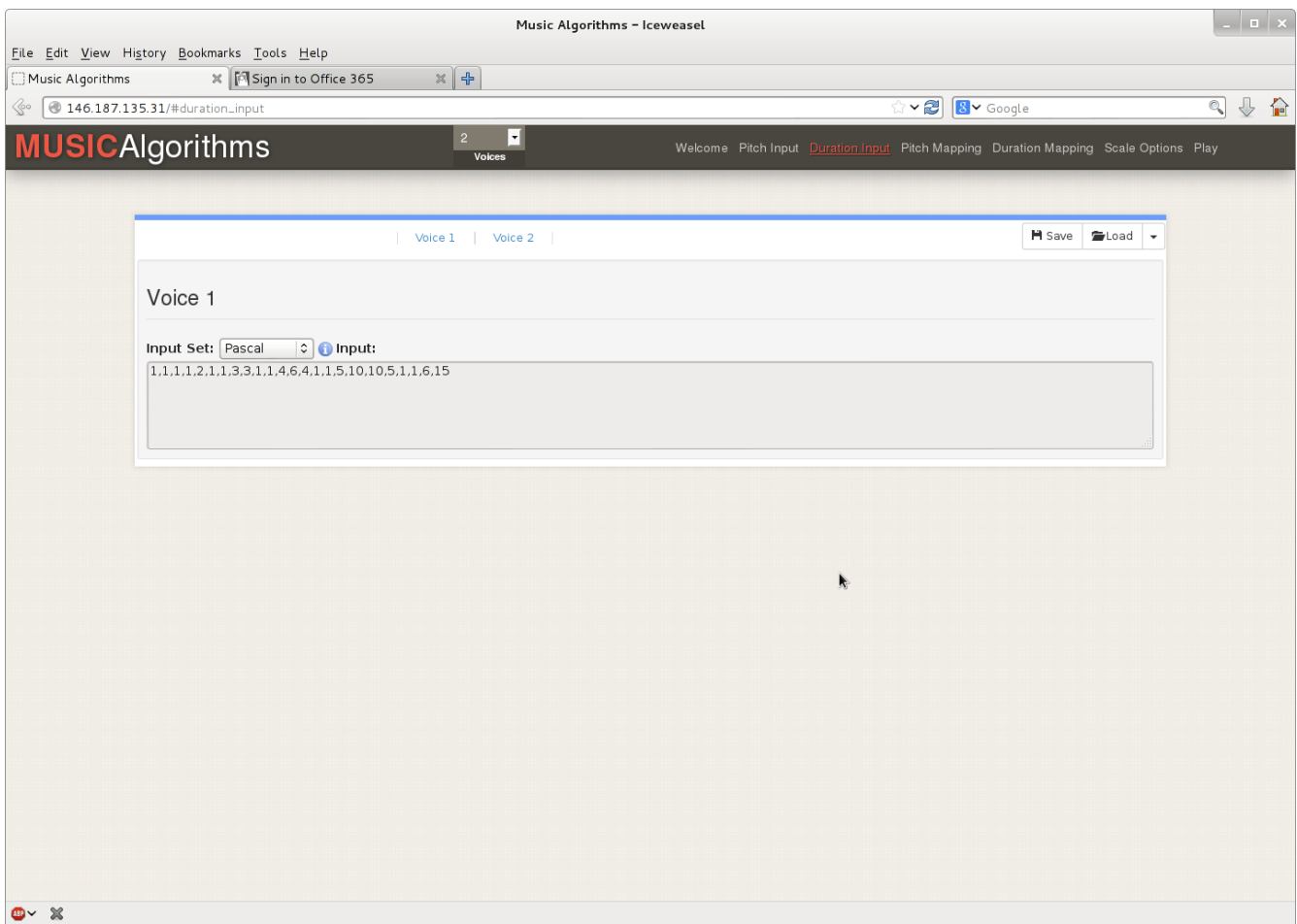
Downloading...

Transferring data from 146.187.135.31...









Music Algorithms - Iceweasel

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Music Algorithms Sign in to Office 365

146.187.135.31/#pitch_mapping

Google

MUSICAlgorithms2VoicesWelcome Pitch Input Duration Input Pitch Mapping Duration Mapping Scale Options Play

SaveLoad

Voice 1

Mapping using: Division ⓘ

Range: 1 to: 88 ⓘ

Output:
20,69,11,78,20,78,11,78,20,78,40,49,88,1,40,49,20,30,49,30,59,1,20,78

Modifications

Replace all: with:

Modify Output

Voice 2

Mapping using: Division ⓘ

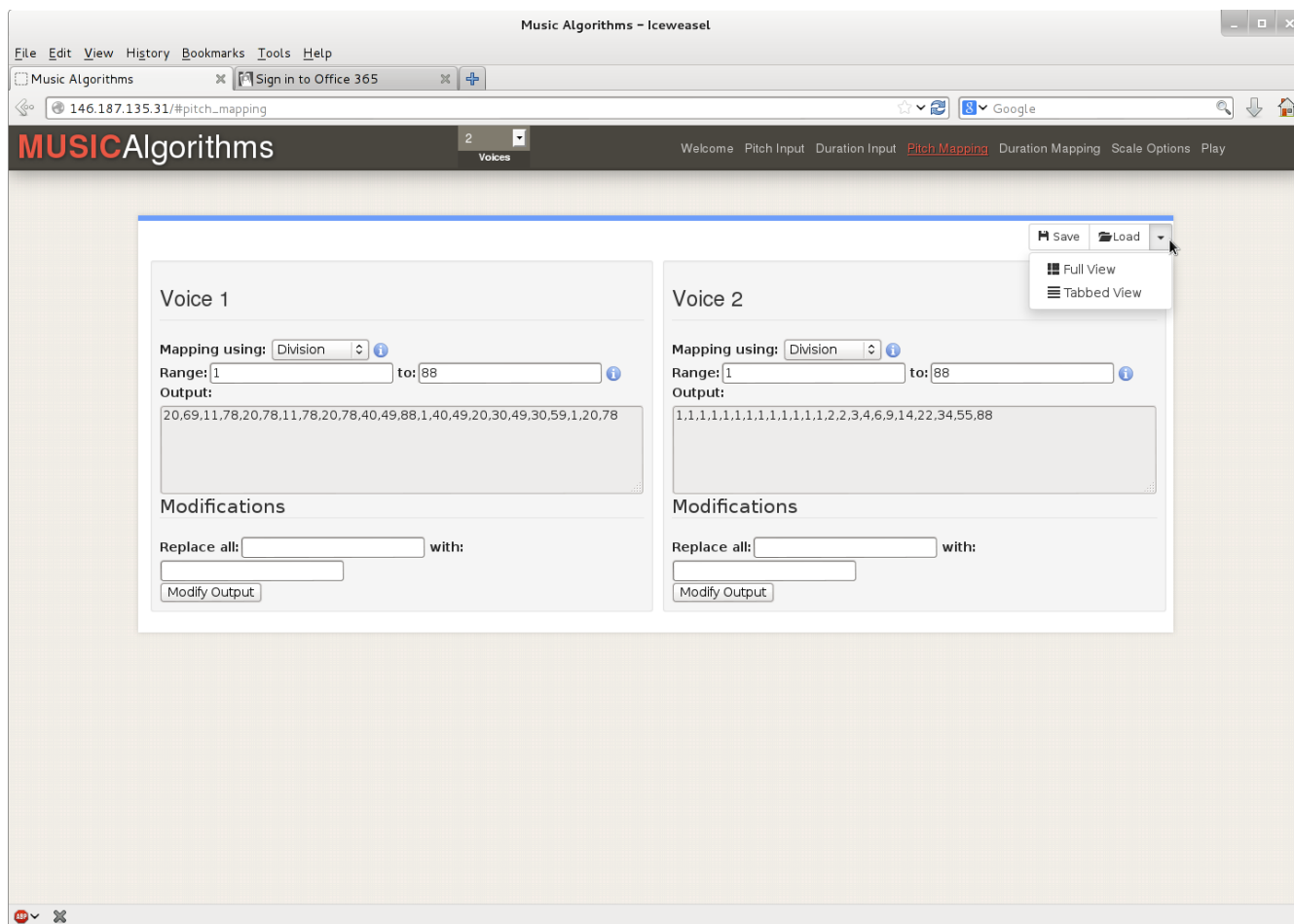
Range: 1 to: 88 ⓘ

Output:
1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,2,2,3,4,6,9,14,22,34,55,88

Modifications

Replace all: with:

Modify Output



Voice 1 | Voice 2

Save Load

Full View
Tabbed View

Voice 1

Mapping using: Division

Range: 0 to: 6

Output:

0,0,0,0,0,0,0,1,1,0,0,1,2,1,0,0,2,4,4,2,0,0,2,6

Modifications

Replace all: with:

Modify Output

Voice 1 | Voice 2

Save Load

Full View
Tabbed View

Voice 1

Scale By: Chromatic Key: C Output:

20,69,11,78,20,78,11,78,20,78,40,49,88,1,40,49,20,30,49,30,59,1,20,78

Voice 2

Scale By: Chromatic Key: C Output:

1,1,1,1,1,1,1,1,1,1,1,1,1,2,2,3,4,6,9,14,22,34,55,88

