MUS 6: Electronic Music

Section Lecture 5

Wednesday, November 4, 2020

Lecture Outline

1. Announcements
2. Homework 2 *(Part 2: Effects, Scales, and Return Tracks)*

Announcements

- **Homework Assignment #2 is DUE by Friday, Nov 6 at 11:59 pm**
- Due to the Veteran's Day holiday, there won't be any section lecture next Wednesday, Nov 11. The next section lecture will be on Wednesday, Nov 18.

Homework 2

(Part 2: Effects, Scales, and Return Tracks)

Homework 2: Lecture schedule

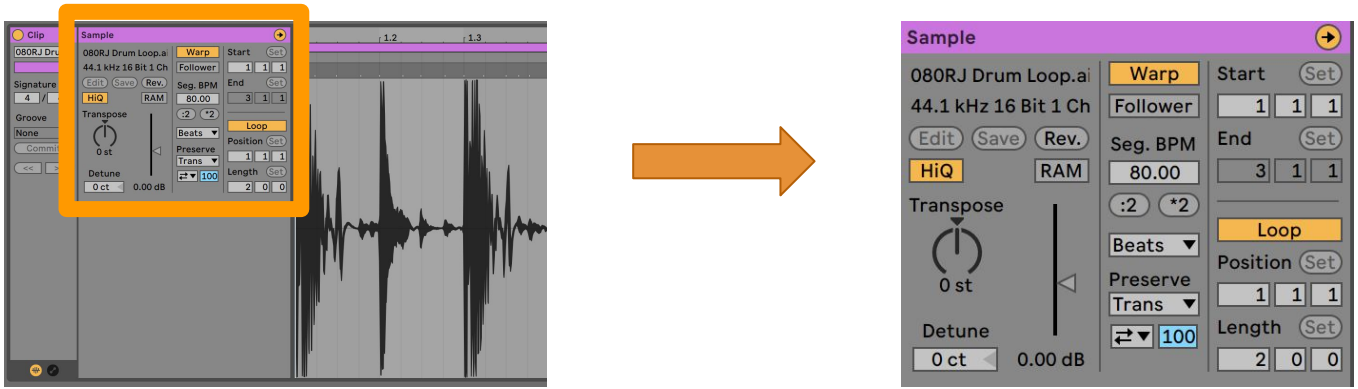
- **Last week:**
  - Audio filter automation
  - Dry/wet and device on/off automation
- **Today:**
  - Sampled audio
  - Reverb
  - Delay
  - Musical scales
  - Return tracks

Homework 2: Class demonstrations

- If you have composed music using any of the techniques outlined for Homework 2, would you like to take a couple minutes to share your work with the class?

Homework 2: Sampled audio

- **Here's something you could try**: warp a drum sample. To access the warp effect, go to the Clip view of the drum sample (see images below).
- Note: to earn credit for this part of the assignment, you must add some kind of sampling effect to your waveform (e.g. warp, transpose, etc)



Homework 2: Reverb and Delay

- To add reverb or delay to your music, you can do one of two things:
    - Go to Audio Effects in the Browser view of Ableton and double-click ‘Reverb’ or ‘Delay’
    - Use the default return tracks (we’ll review this in a later slide)
- For examples of different types of **reverb**, go here
- For examples of different types of **delay**, go here

Homework 2: Reverb and Delay (Listening)

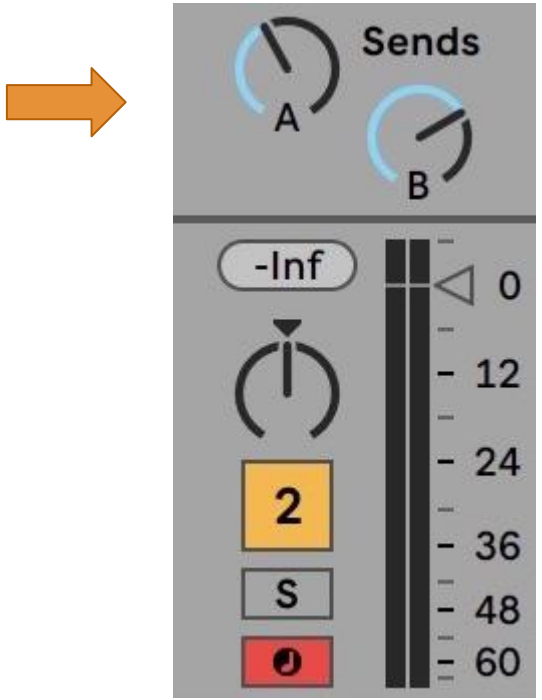
- We'll now listen to some examples of reverb and delay in popular music.
- **Reverb**
  - Beach House - Space Song
  - Coldplay - Lovers in Japan (modulated reverb)
- **Delay**
  - Kraftwerk - Franz Schubert/Endless Endless
  - Smashing Pumpkins - Starla (reverse delay)

Homework 2: Musical scales

- If you're not sure what to do, try making a simple **melody** using only the white keys on the Ableton keyboard. These keys make up the C major scale.
- You could also try making a simple **chord progression** using triads in the C major scale. For more information about triads, go to Music Theory → Triads on OneNote.
- You only need **one example** of music that you created using the concept of a musical scale. Either of the options described above would be sufficient.

Homework 2: Return tracks

- When you create a new Ableton project, two return tracks (reverb and delay) are automatically generated for you. These tracks are denoted ‘A’ and ‘B’ (respectively).
- You can send sound from each audio/MIDI track to these return tracks using the knobs shown on the right.



Homework 2: Ableton Live implementation

- We'll now open up Ableton Live and review how to implement each of these aspects of the homework assignment.
- **Please stop me if you have questions or you would like me to go slower.**

Questions