Audacity

Editing Audio Files

Install the Program
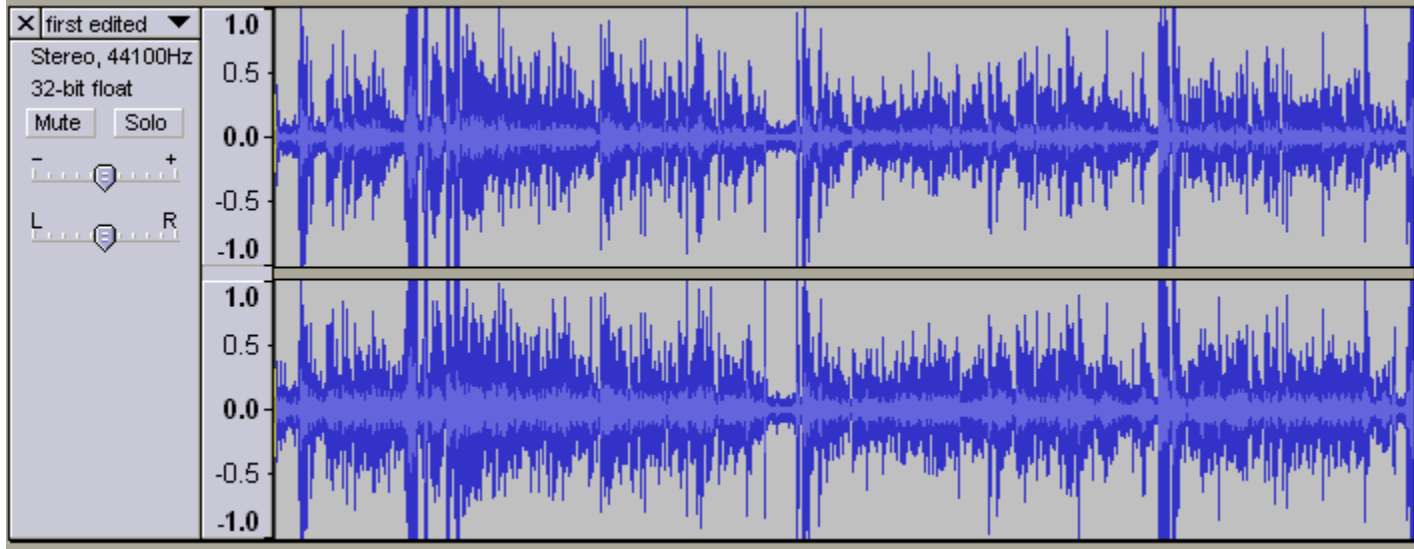
- Install from CD or from http://audacity.sourceforge.net/download
- You will also need to download the "LAME MP3 encoder" in order to export files as MP3 files
  - Click on LAME MP3 encoder
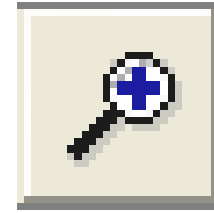 - Read and follow the instructions

Create a New Project

- File
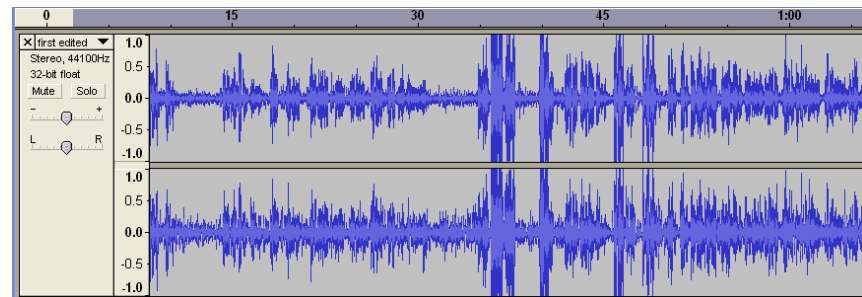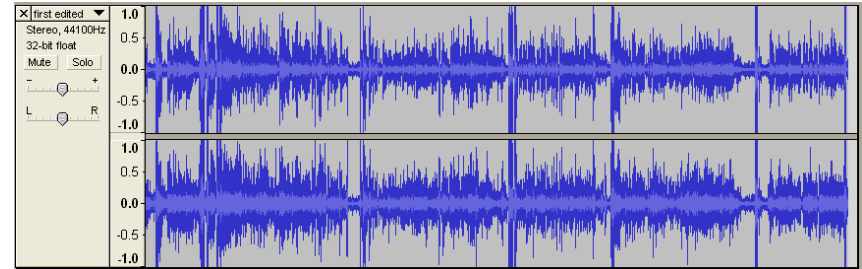 - Save As

Import Audio

- Project
  - Import Audio
    - Select the file you've copied from the digital recorder
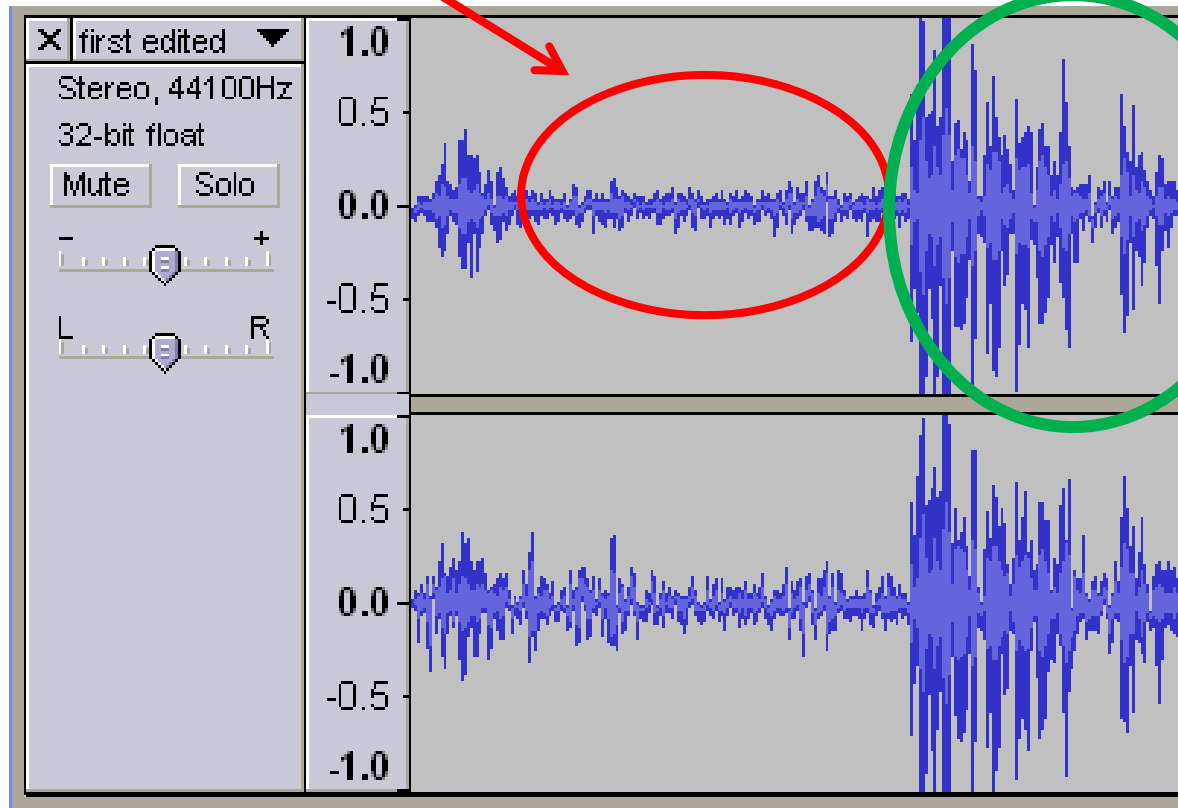
Magnifying Glass

- Audacity will fit the entire audio recording onto the screen

- Click on the magnifying glass to focus in on a shorter time period
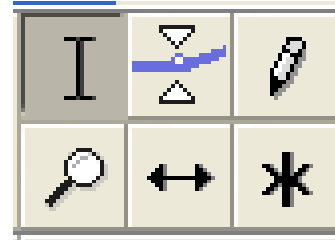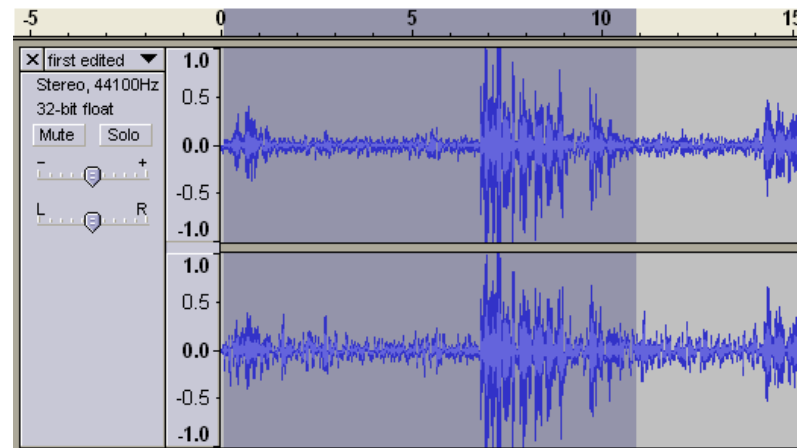
Examining the Track

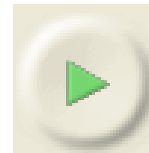# Select Segments and Listen

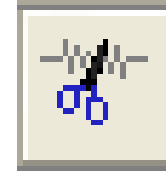- Click "Select Tool"

- Select section of track

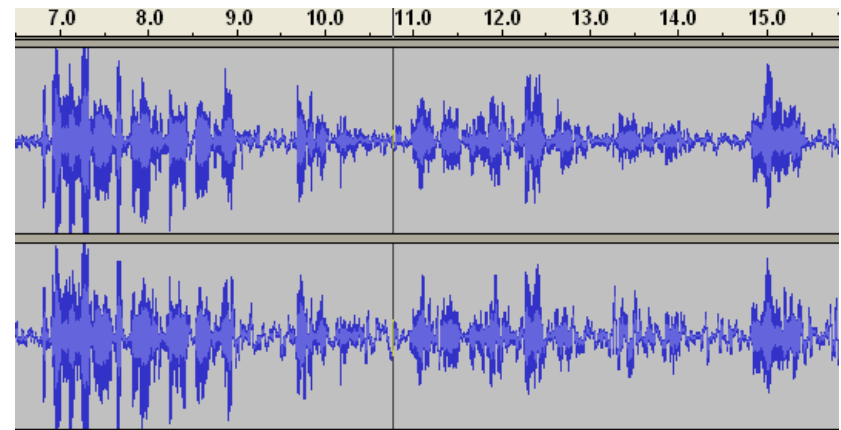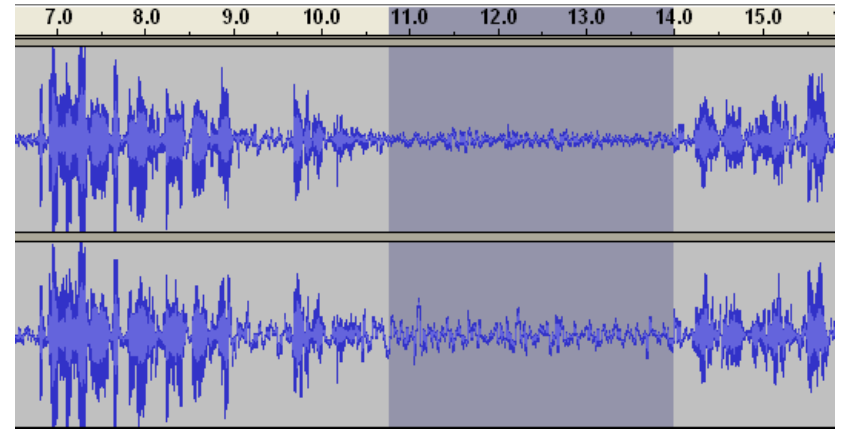 – Selected segment will be darker

- Click Play

Cutting Segments

- Select
- Listen
- Cut
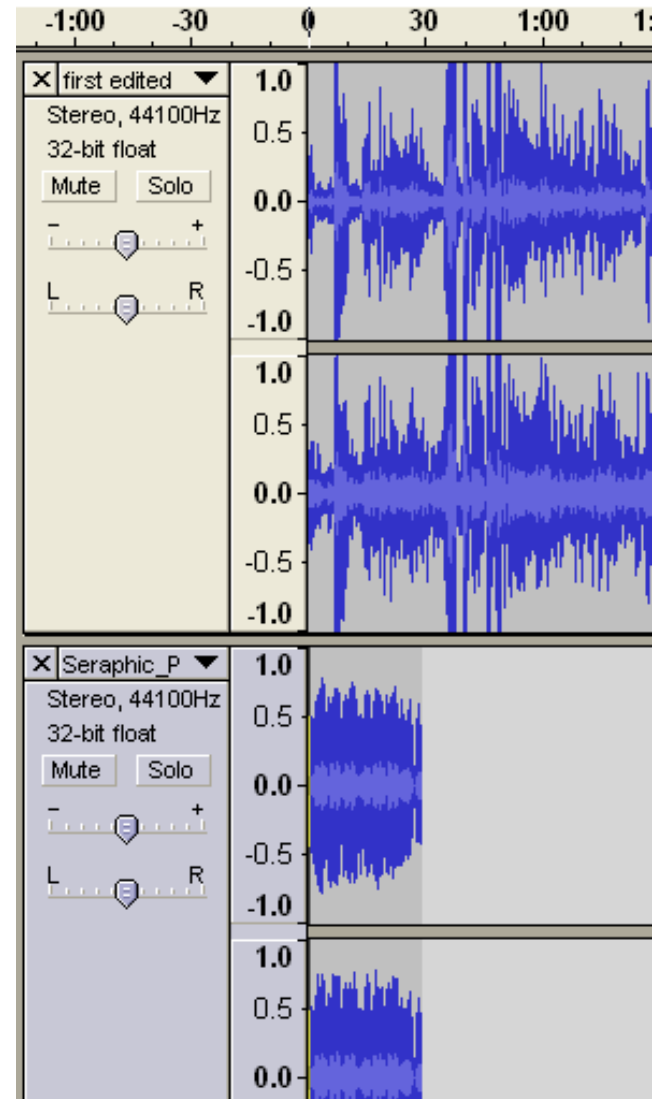- Select surrounding segments
- Listen

Noise Removal

- Select a small piece of audio that is silent except for the noise
- Noise Removal → Get Noise Profile button
- Select all audio you want filtered
- Noise Removal → Remove Noise button
  - Experiment with the Less/More slider
  - More can lead to audio distortion

Other Effects

- **Compressor** - compresses the dynamic range of the selection so that the loud parts are softer while keeping the volume of the soft parts the same
- **Normalize** – allows amplify such that the maximum amplitude is a fixed amount, -3 dB
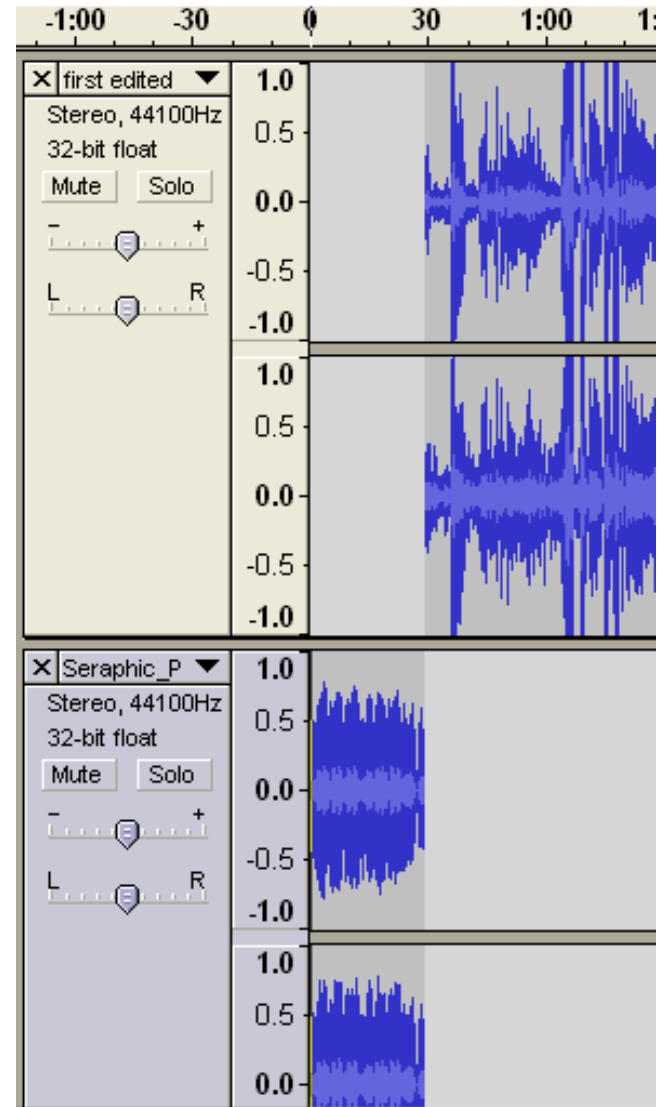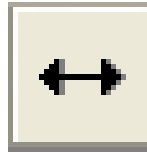
Multiple Tracks: Importing

- Import an audio file containing music
  - http://podsafeaudio.com
  - Project: Import Audio...
- The new audio is in a separate track, but at the same time as the first track
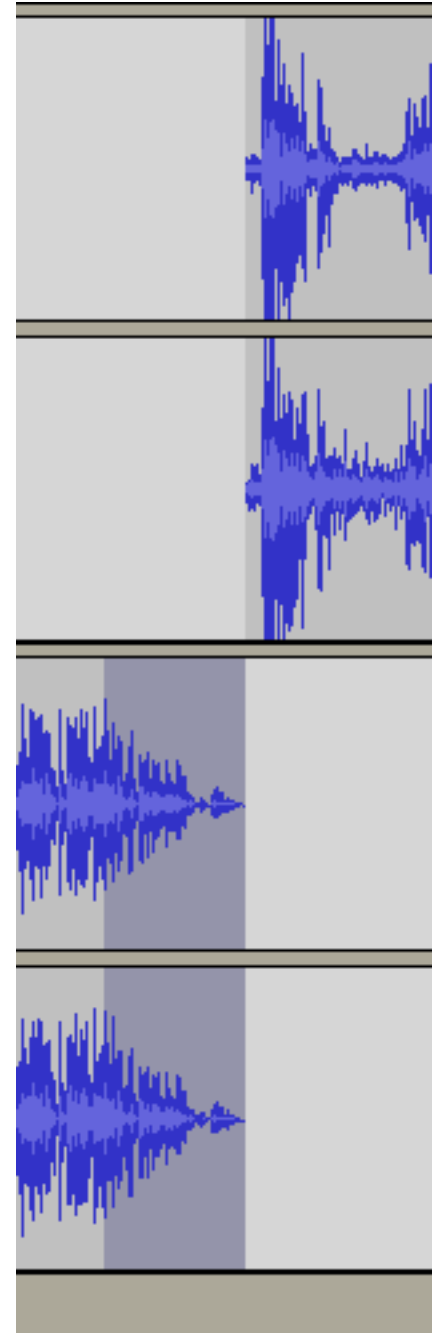
Multiple Tracks: Shifting

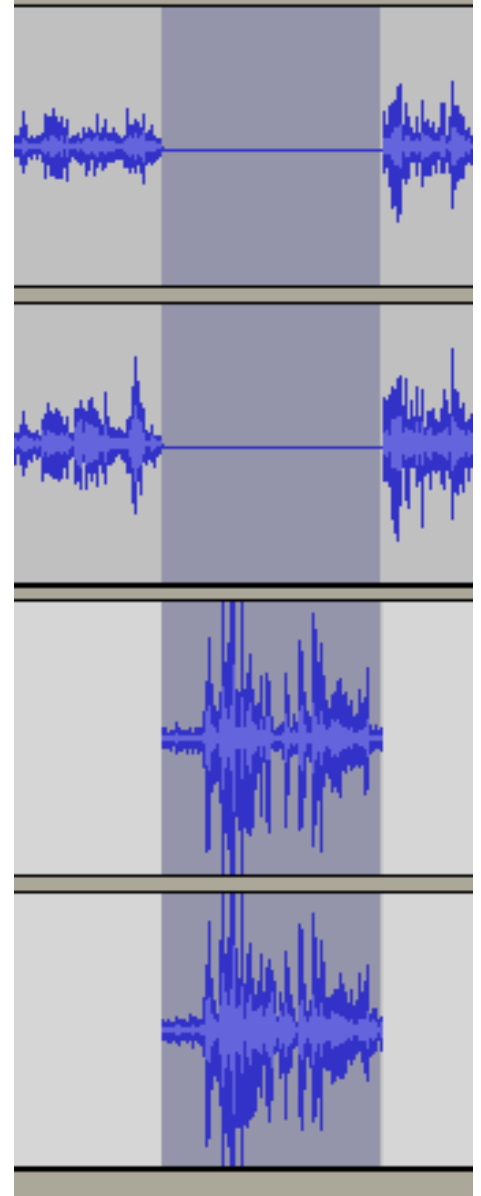- Use the Time Shift Tool to drag one track to the right of the other

Multiple Tracks: Fade Out

- Select the end of the first segment
- Effect: Fade Out

Multiple Tracks: Split

- Select a segment to move to a second track

- Edit: Split
  - The selected segment will be moved to a new track

Multiple Tracks: Combine

- Combine tracks to reduce the number of tracks on the screen
  - Hold down Shift and click on each track you want to combine
  - Project: Quick Fix
- Tracks will automatically be combined when you Export to MP3

Export to MP3

- File: Export to MP3