

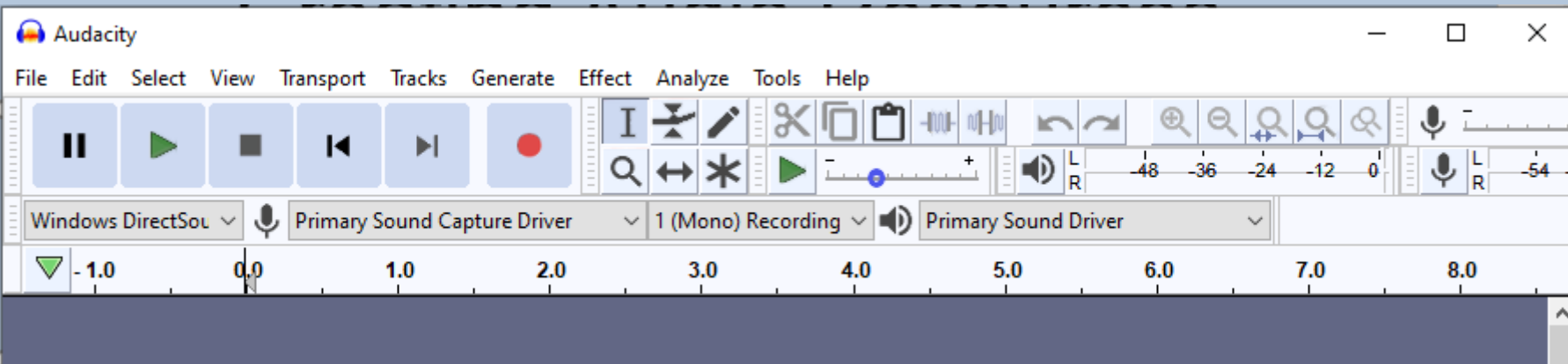
CREATING AUDIO RESOURCES USING AUDACITY

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Creating Audio Resources

- Recording sounds using a mobile phone
- Recording and editing sounds using a computer.
- Audacity



AUDACITY – Introduction

- Free and Open Source Software.
- Available for Various OS – Linux, Mac OS, Windows.
- Easy to learn and use.
- Feature Rich.

AUDACITY – for Educators

- One of the best software for Educators to create audio resources.
- Output can be saved in various formats like .wav, .ogg, .mp3 etc.

AUDACITY – The Software

- It can be downloaded from:

<https://www.audacityteam.org/>

- Tutorials are available at:

<https://manual.audacityteam.org/man/tutorials.html>

<https://spoken-tutorial.org/> - developed by IIT Bombay.

AUDACITY – Toolbar

The image shows the Audacity software interface with several toolbar buttons highlighted by red callout boxes. The buttons are:

- Play**: A green right-pointing triangle.
- Skip to start**: A black left-pointing triangle.
- Record**: A red circle.
- Pause**: Two vertical black bars.
- Stop**: A black square.
- Skip to end**: A black right-pointing triangle.

The interface also shows a menu bar (File, Edit, View, Tracks, Project, Analyze, Tools, Help), a toolbar with various editing tools (selection, eraser, pencil, scissors, copy, paste, undo, redo, zoom), a transport control section with a microphone icon and volume sliders, and an audio track view at the bottom. The track view shows a single audio track with a volume slider and a waveform display. The track is labeled "Audio Track" and has a volume of 1.0. The track is in Mono mode with a sample rate of 44100Hz and 32-bit float format.

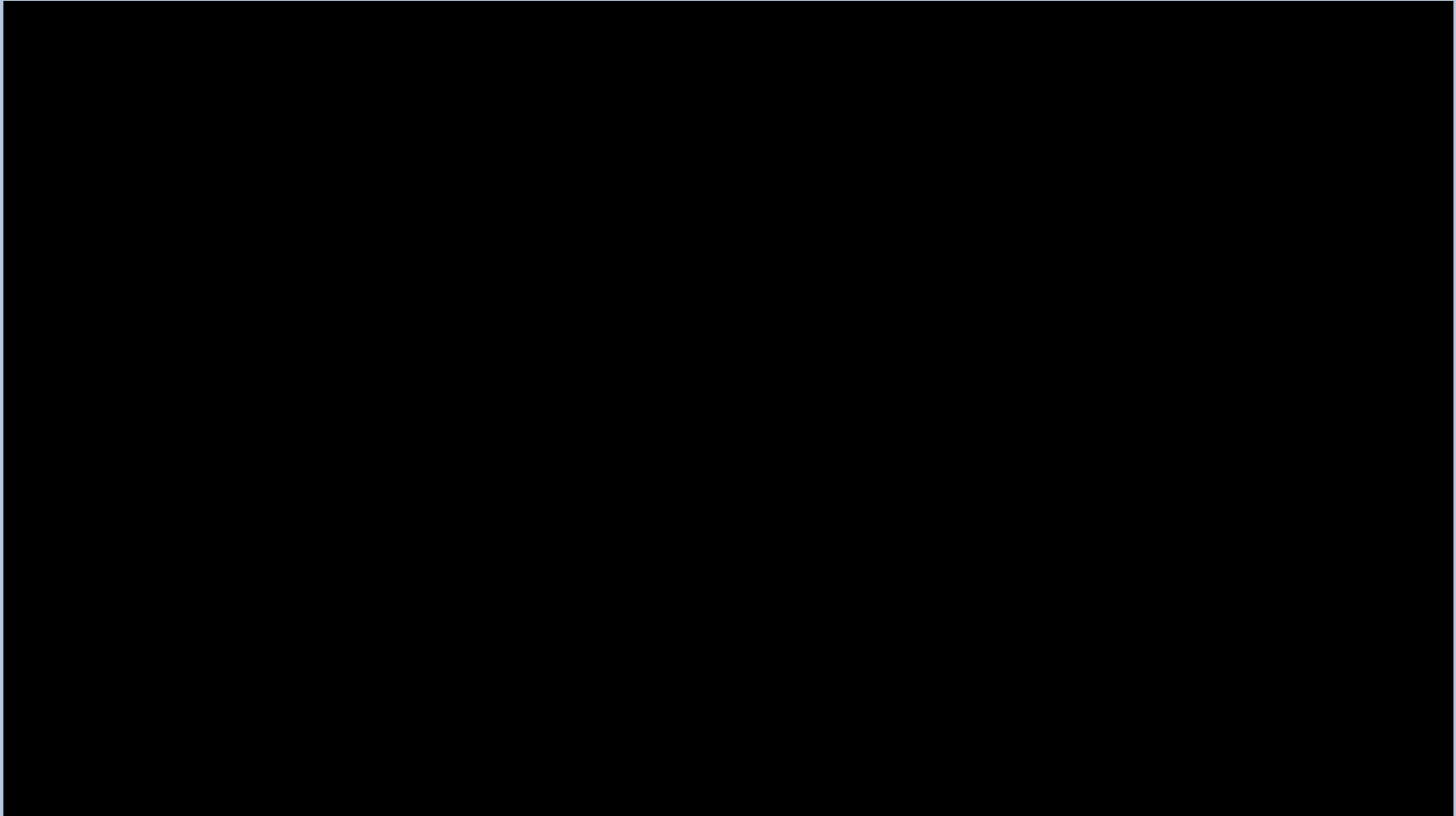
AUDACITY – Toolbar

The image shows the Audacity software interface with several key components highlighted by red callout boxes:

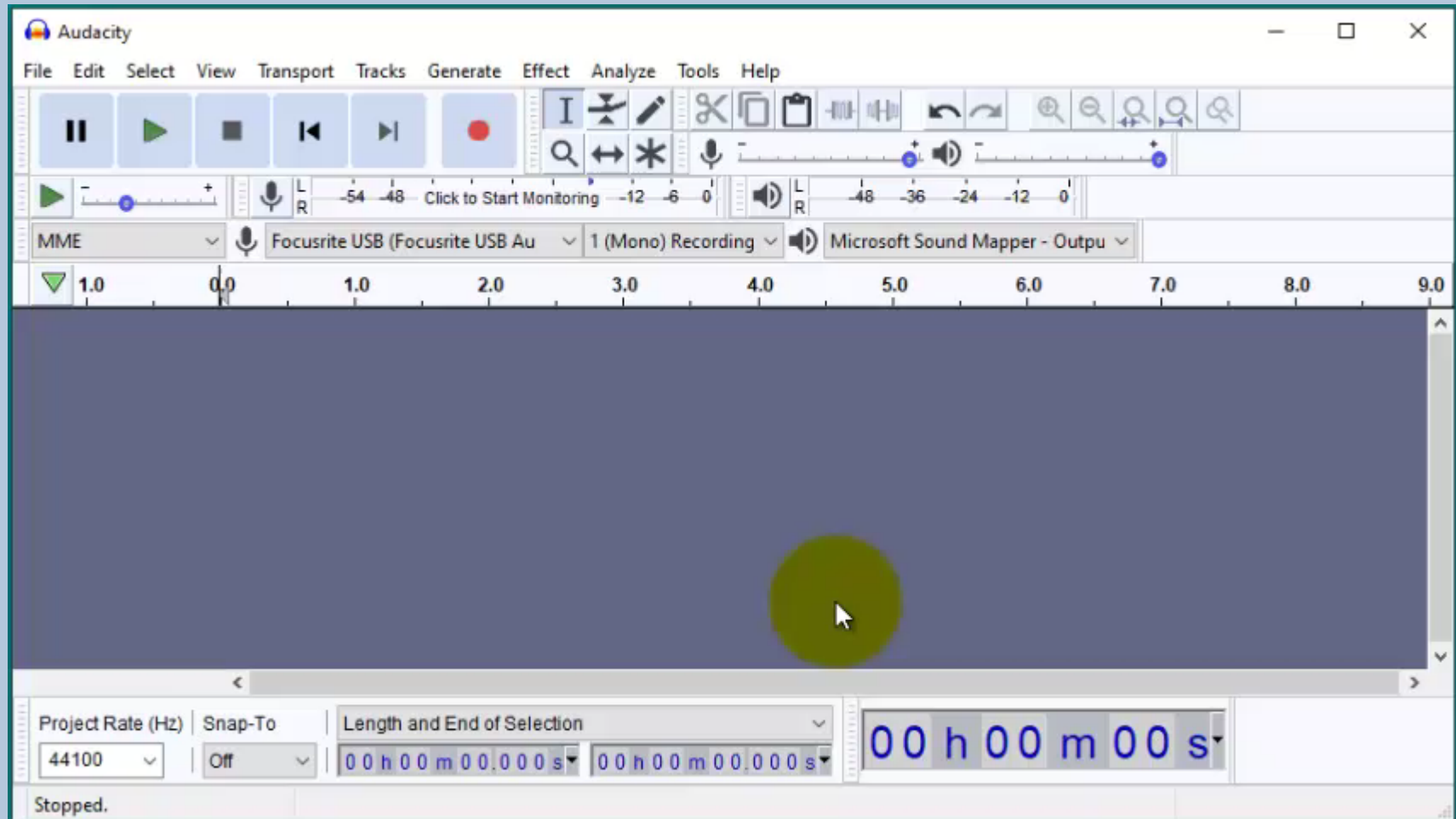
- Playback Speed:** Located on the left side of the toolbar, it controls the tempo of the audio playback.
- Recording Volume:** A slider in the top right toolbar that adjusts the volume of the recording input.
- Playback Volume:** A slider in the top right toolbar that adjusts the volume of the audio playback.
- Audio Host:** A dropdown menu in the top left of the track area, currently set to 'MME'.
- Recording Device:** A dropdown menu in the top center of the track area, currently set to 'Microphone (Conexant SmartAud)'. It also includes a microphone icon.
- Recording Channel:** A dropdown menu in the top center of the track area, currently set to '1 (Mono) Recording'.
- Playback Device:** A dropdown menu in the top right of the track area, currently set to 'Microsoft Sound Mapper - Output'.

The track area below these menus shows a waveform with a volume scale from -1.0 to 1.0. A small volume control for the track is visible in the bottom left corner, with 'L' and 'R' indicators and a 'Select' button. The track's format is listed as 'Mono, 44100Hz, 32-bit float'.

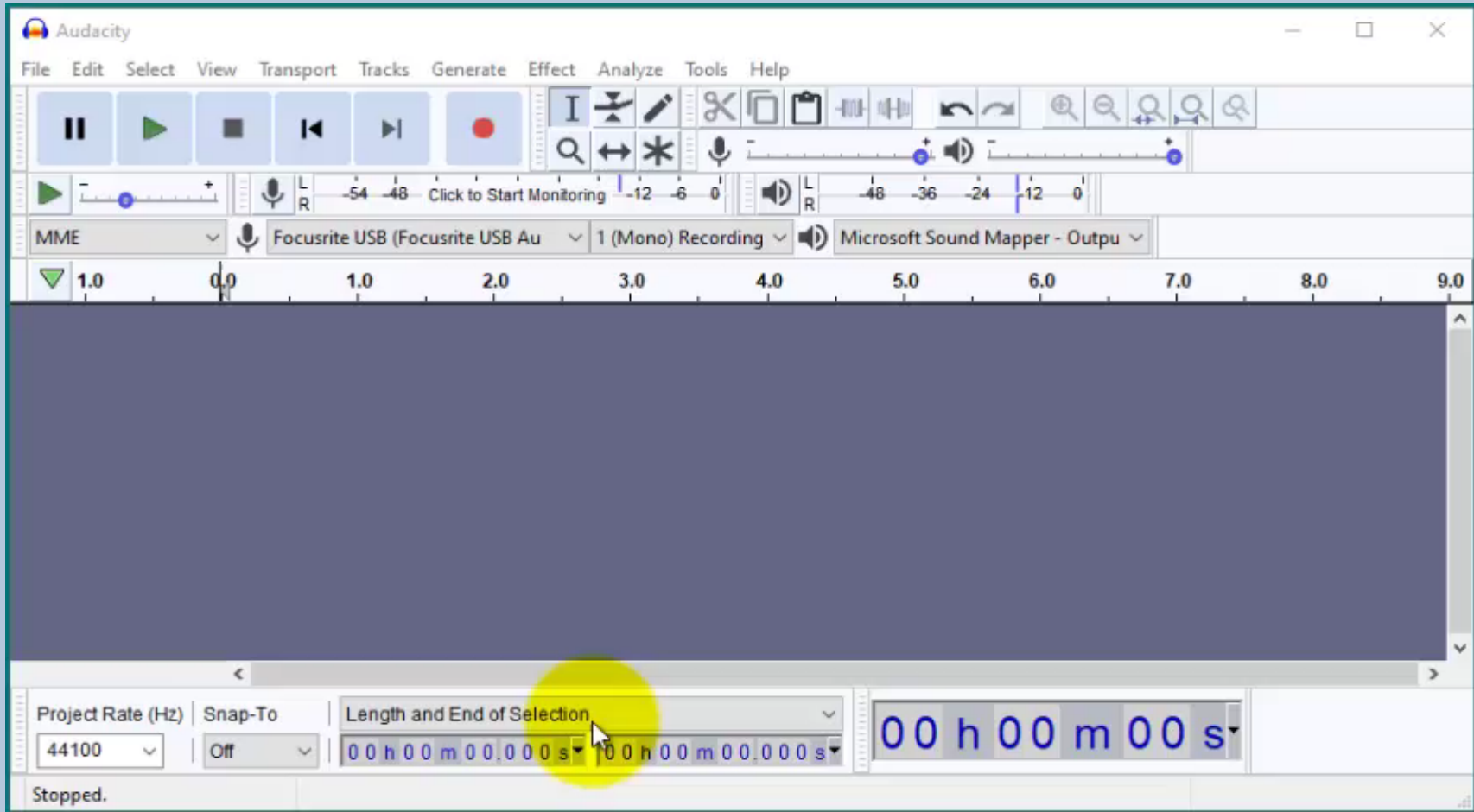
AUDACITY – Toolbar



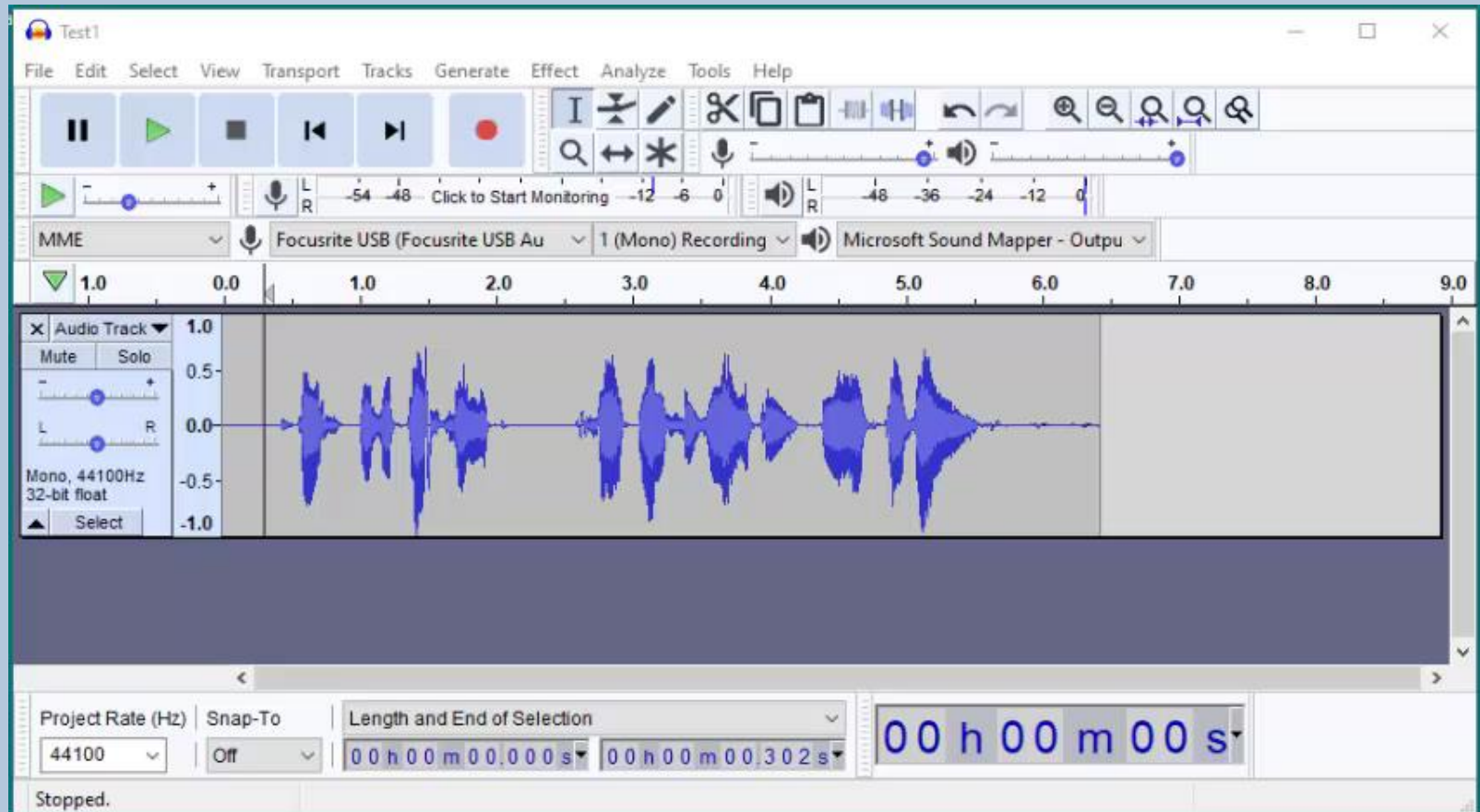
AUDACITY – Recording an Audio



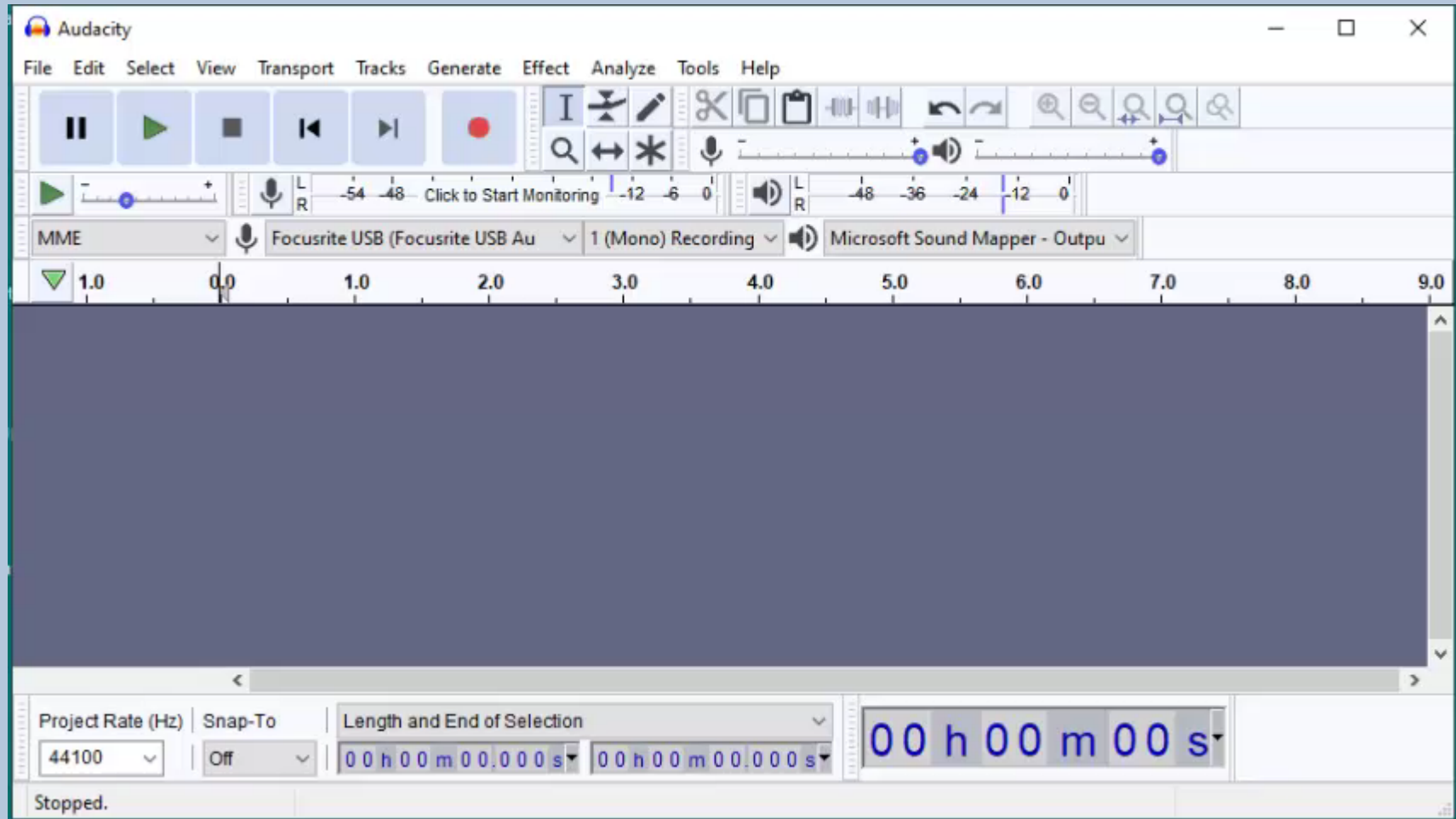
AUDACITY – Noise Reduction, Normalization, Compression



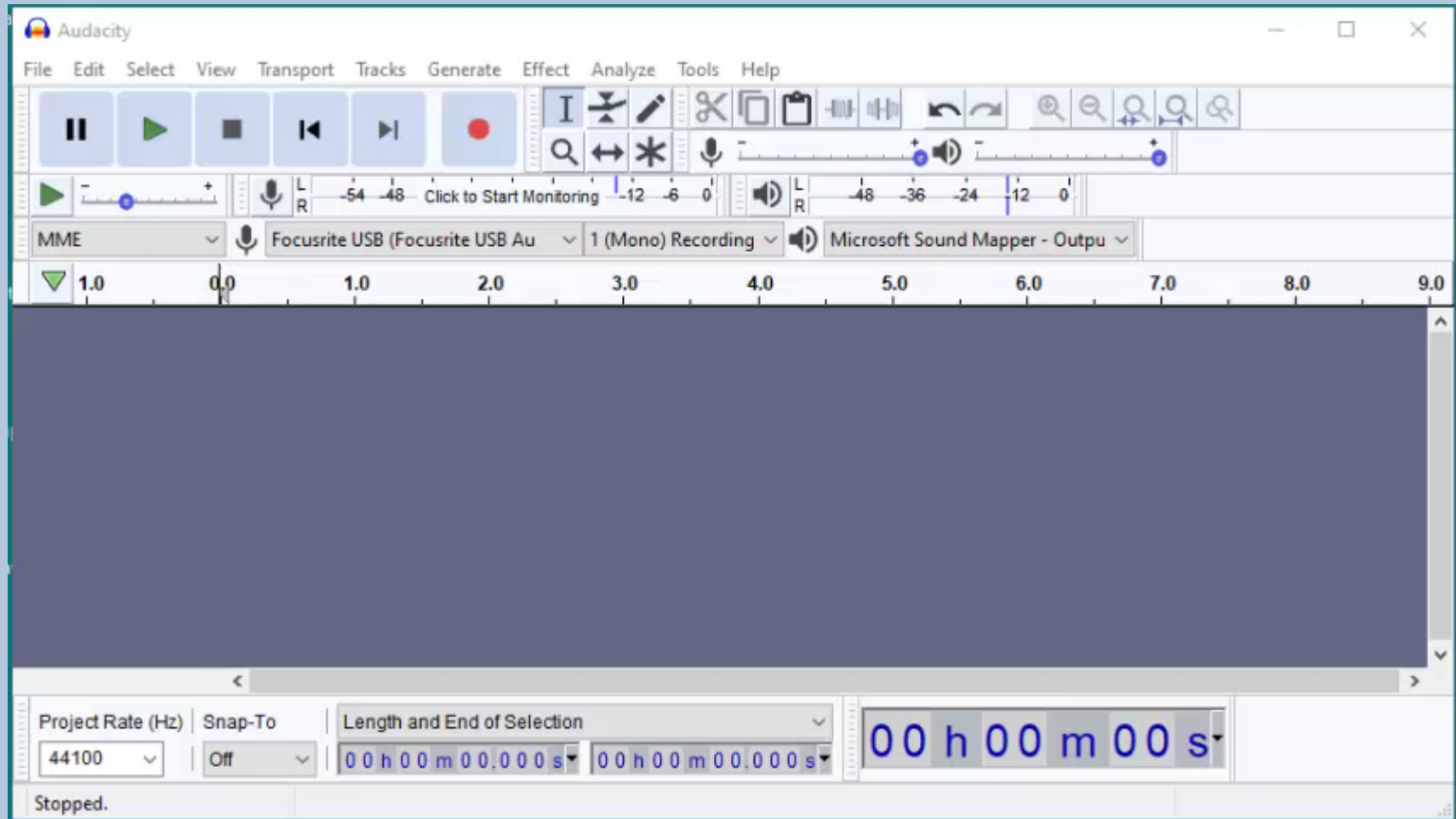
AUDACITY – Saving a Project and Exporting files



AUDACITY – Sound Effects



AUDACITY – Toolbar



AUDACITY

Thanks

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