**EXPERIMENT NO. 2(C)**

**AIM:** Play an audio file at different sampling rates.

**TOOL USED:** MATLAB 11

**THEORY:**

We can directly play the given audio file at different sampling rate by using the given command:

Wavplay(filename, sampling rate, bit resolution);

The second and third parameters are optional. But in this experiment the sampling rate must be mentioned prior.

**STEPS FOLLOWED:**

1. Read the audio signal using “wavread” command.

2. Play the signal at different sampling rates

3. Observe the difference between all signals.

**RESULT:**

The audio signal is successfully played at different sampling rates. It is observed that signal played at higher sampling rate sounds faster than a signal played at lower sampling rate.