**Introduction**

In this project we are learning to work with and create our own version of a metronome device that will work for any musician. The purpose of a metronome is to be able to set a beat or tempo that will allow the musician using the device to keep beat with the music he or she will be performing. The metronome is mainly used by the conductors of the band when teaching songs as well as it is used for practice by the individual band members. In this project we will create a workable metronome that will allow the users to select the different settings that a metronome has just by a click of a button.