1. In this question, we’ll use PWM module to turn on the buzzer for playing the sound “The Four Seasons: Autumn” by “Antoni Vivaldi”. For this task, the first step is to define the proper periods in which the PWM is high. A list of proper frequencies is available online. We defined frequencies as:



The next step is to turn on the buzzer for proper periods. This can be done by assigning a proper value inside the infinite loop:



This pattern repeats for the whole song.