HOMEWORK 1

Due date: Squad A: Sunday, October 01, at 2:30 pm
Squad B: Tuesday, October 03, at 8:30 am

1- Prepare the basics for the project "Play a song":

   a. Modify the status (switch on / off) of the NUCLEO green LED, every time you snap your fingers.
   (Use the pin connected to the microphone as an External Interrupt)
   Hint: look at the files "Green PCB board schematic" and "Nucleo Schematic" and "Nucleo user manual" on Webeep in "Material/Laboratories/Documentation" and find the STM32 pin that connects to SND_IN.

   b. Make the NUCLEO green LED blink at a 1 Hz rate using PWM generation on the corresponding channel.