

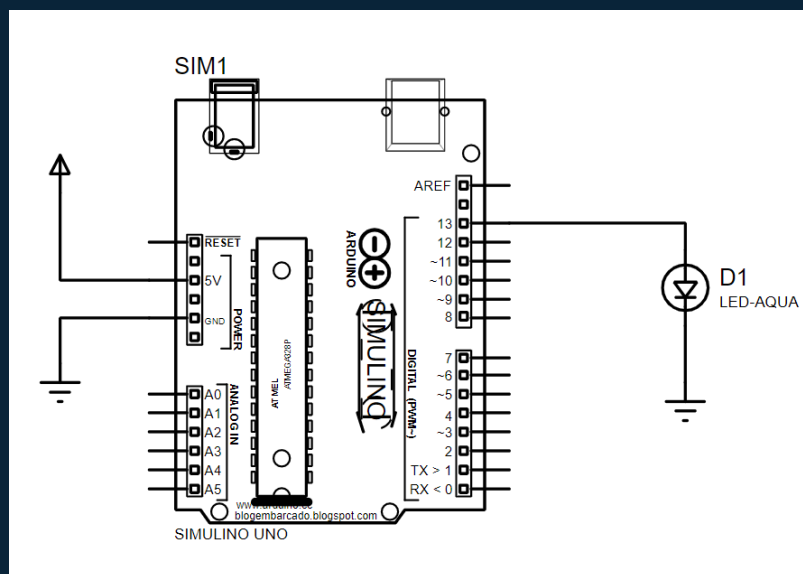
# Homework #0

Deadline: October 14<sup>th</sup>



In this experiment you will get your hands on the programs that are going to be used throughout the course. For more information on the required software please refer to the “Introduction” slides.

After installing the necessary programs and components, open PlatformIO's home page in Microsoft's VSCode and head to the sample projects. Search for Arduino Uno's blink sample and add it to the workspace. After building the sample, open Proteus and implement a circuit with the following schematics:



Finally feed the compiled sample (.hex file) to the Arduino board and see if the led blinks every second.

Components used in proteus:

SIMULINO UNO, LED

Good Luck

Graders Team

Shiraz University

Computer Science and Engineering Dept.

Microprocessors Lab

Spring 2021

