

# ESDII Lab 4- PWM & Gui

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## I. INTRODUCTION

THE purpose of this lab was to create an PWM module that allows the user to control the duty cycle and period of the module. On top of the module I added a Gui interface so that the user is able input the values and click a simple run button to change the period and duty cycle without having to type in lines of syntax.

## II. CODE

### A. Summary

Using my lab 3 as a jump off point. I added two python files, one being the gui and in the gui, called the function in my other python file to write the values the user inputted into the registers. I also added a input checker to make sure the user can only input integers.

