

## **Assignment 1**

### **Intermediate I/O ports**

Produce an output in any of the I/O ports of your microcontroller depending on any input.

An example of this could be turning off/on LED's depending on the inputs values of a Dip Switch, push button, etc.

The assignment must include:

A pdf file describing:

- Problem description
- Pseudocode
- Assembly code (Comments please)
- Wiring diagram
- System's Picture (use your smartphone)

Bring it to class or office hours,

Assignments won't be accepted after due date.