REQUIREMENTS

For this project we need to use two registers DDR and PORT. DDR stands for Data Direction Register, it determines the direction (Input/Output) of each pins on the microcontroller. PORT register is the output register which determines the status of each pin of a particular port.

HIGH LEVEL

HIGH at DDR register makes corresponding pin Output . HIGH at PORT register makes corresponding pin Logic HIGH (5V).

LOW LEVEL

LOW at DDR register makes corresponding pin Input. While LOW at PORT register makes corresponding pin Logic LOW (0V).