### **IOT LAB**

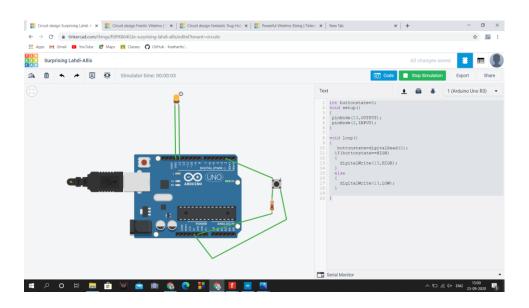
## Program no - 3

### **Program Title – PUSH BUTTON**

# $\label{lem:alm-def} \begin{array}{l} AIM\ -\ Demonstrate\ to\ show\ ON/OFF\ of\ a\ LED\ using\ push\ button\ Hardware\ Required\ \textbf{-} \end{array}$

- Arduino Board
- LED
- Breadboard
- Wires
- Pushbutton
- Resistor

### Circuit Diagram -



#### Code-

	LAG - 3: Date: 1 1
	Demonstration of led 18m18cs099
-	using pushbutton SHASMOHAR PAI
-	Code:
	int bultonstrate = 0;
	usid schup ()
	(
	pinmode (15, OUTPUT);
	pinMode (2, MPUT);
	and 3 reservand on any but had
	Void loop ()
	malentant for four 3
	buttonstate = digital Ried (2);
	of ( buttonstate == MIGH)
	the first from some 3 mg some
	chg)tul(wak (13, +12/2h);
	(a) to all all all all all all all all all al
	else
	5
	digital (with (11, Low);
	1
	1
	gh.

## **Observation / Output -**

The on and off of the LED can be observed while the push button is closed and open .