

Pr gm 3. 13M18CS091  
Push Button.

Aim - 1. Demonstrate to show ON/OFF of a LED using Push button.

Hardware - Arduino board, resistor, Switch & led.

Code - `int buttonstate = 0;`

`void setup()`

`{`  
`pinMode(13, output);`

`pinMode(2, Input);`  
`}`

`void loop()`  
`{`

`buttonstate = digitalRead(2)`

`if (buttonstate == HIGH)`  
`{`

`digitalWrite(13, HIGH)`  
`}`

`else`  
`{`

`digitalWrite(13, LOW);`  
`}`

`}`