

Program no 03

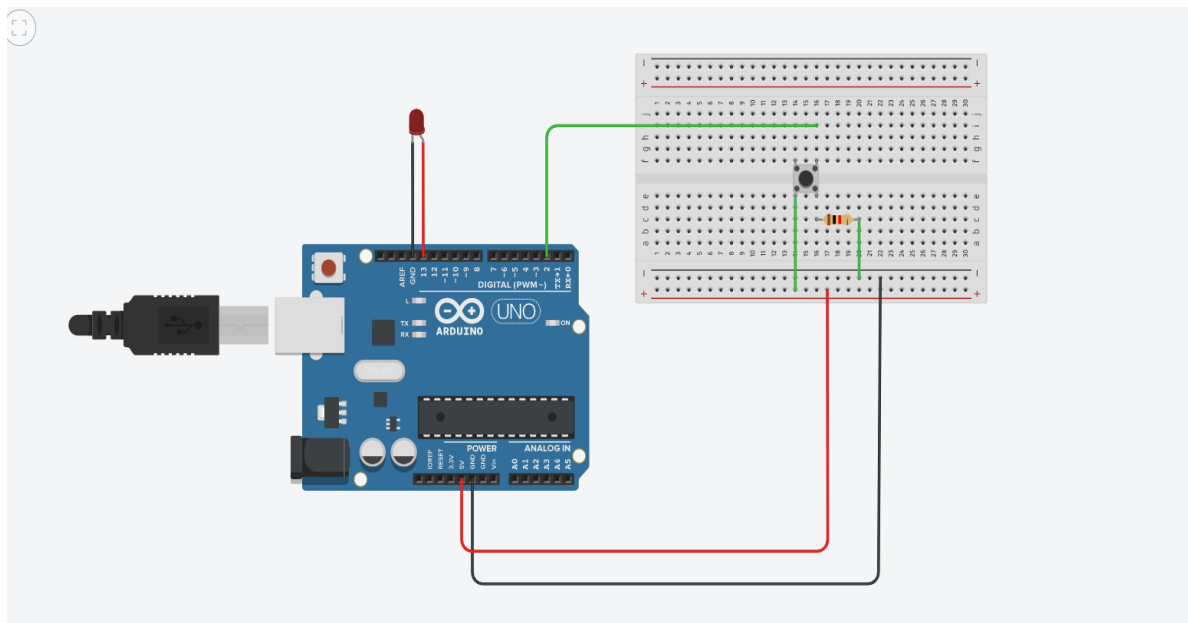
Program Title Push Button

Aim

Hardware Required

- Arduino Board
- Breadboard
- Wires
- LED
- Resistor
- Push Button

Circuit Diagram



Code:

Pranod D.Y
IBN14CS405

DATE: PAGE:

Program-3 Push button.

```
void setup()
{
    pinMode (2, INPUT);
    pinMode (13, OUTPUT);
}

void loop()
{
    if (digitalRead (2) == 1)
    {
        digitalWrite (13, HIGH);
    }
    else
    {
        digitalWrite (13, LOW);
    }
}
```

3

Pranod D.Y.

Observation /Output

Circuit design Push button | Tink
IOT-LAB/PushButton_report.pdf | pramoddy/IOT-Lab
tinkercad.com/things/KYChVGylqT-push-button/edit

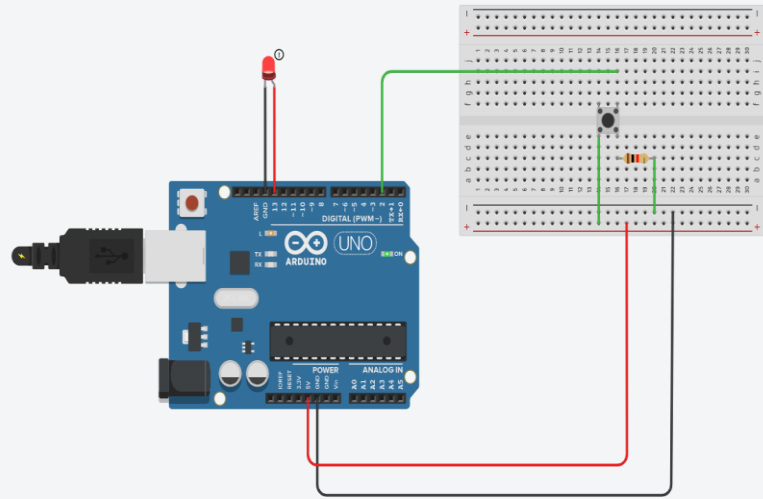
Push button

All changes saved

Simulator time: 00:00:08

Code Stop Simulation Export Share

1 (Arduino Uno R3)



```
1 void setup()
2 {
3   pinMode(2, INPUT);
4   pinMode(13, OUTPUT);
5 }
6
7 void loop()
8 {
9   if(digitalRead(2)==1)
10  {
11    digitalWrite(13, HIGH);
12  }
13  else
14  {
15    digitalWrite(13, LOW);
16  }
17 }
18
19 }
```

Serial Monitor

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23:22 28-10-2020