

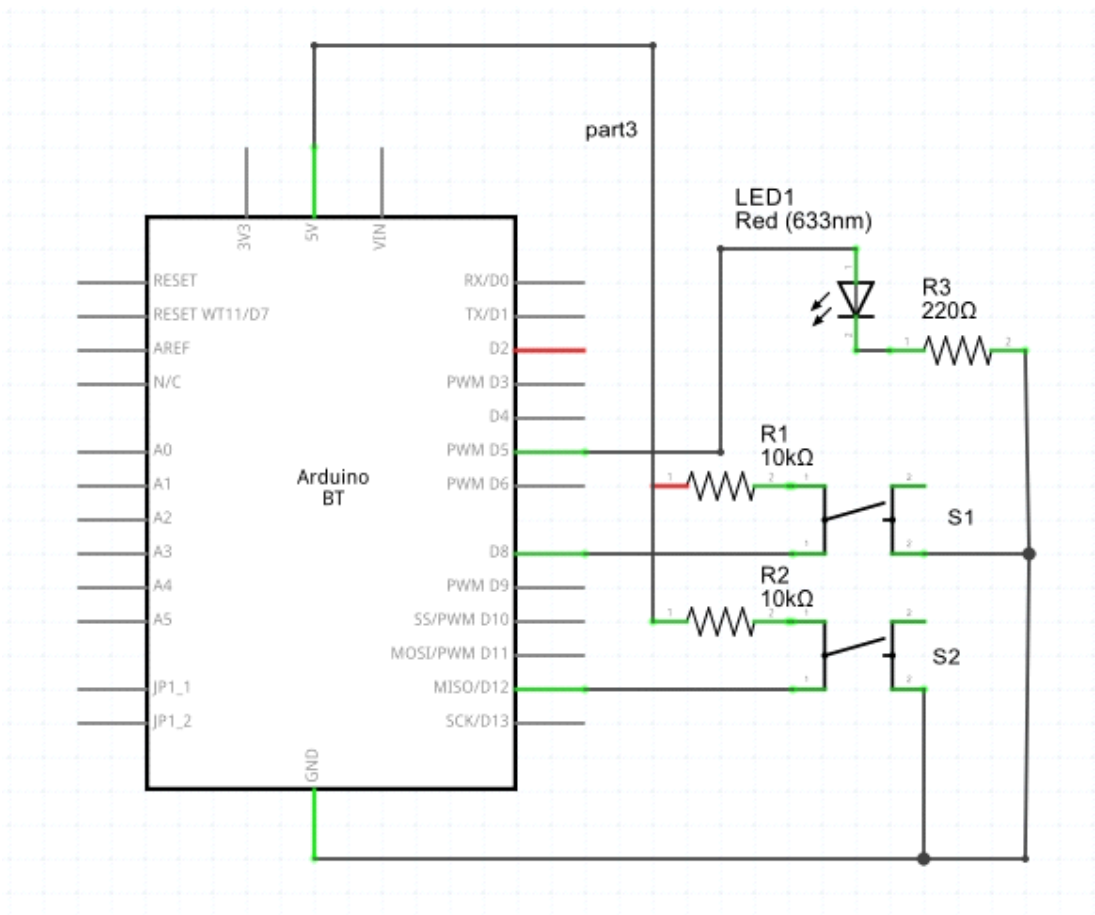
## (Digital Input )

### 3\*2 Pushbuttons Controls Led on Arduino

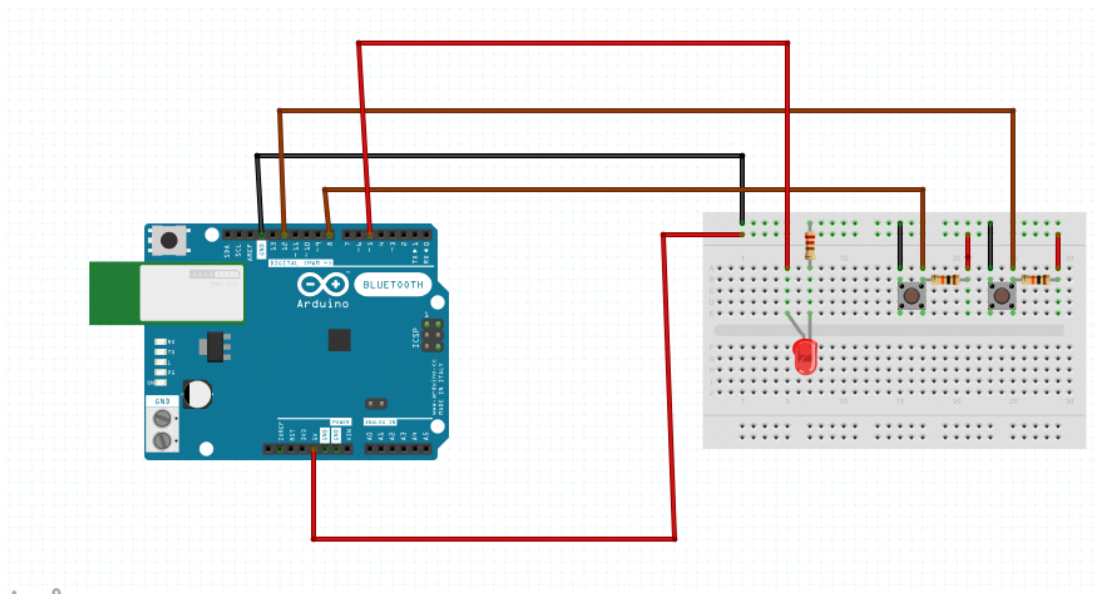
#### Algorithm :

it's like on/off system. when press button 1 Led is HIGH and when press Button 2 Led is LOW

#### Schematic :



On Arduino



the code :

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```
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#define led 5
#define b1 8 //pushbutton 1 attached to pin 8
#define b2 12 //pushbutton 2 attached to pin 2
bool checkB1,checkB2 ; //variable to get input from button 1 and button 2
void setup ()
{
  pinMode (b1,INPUT);
  pinMode (led,OUTPUT);
  pinMode (b2,INPUT);
}
void loop()
{
  checkB1 = digitalRead (b1);
  checkB2 = digitalRead (b2);
  if (checkB1 == HIGH)
    digitalWrite(led,HIGH);
  else if (checkB2 == HIGH)
    digitalWrite(led,LOW);
  else
    digitalWrite(led,LOW);
}
```

Done uploading.

