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IBMIS 0138

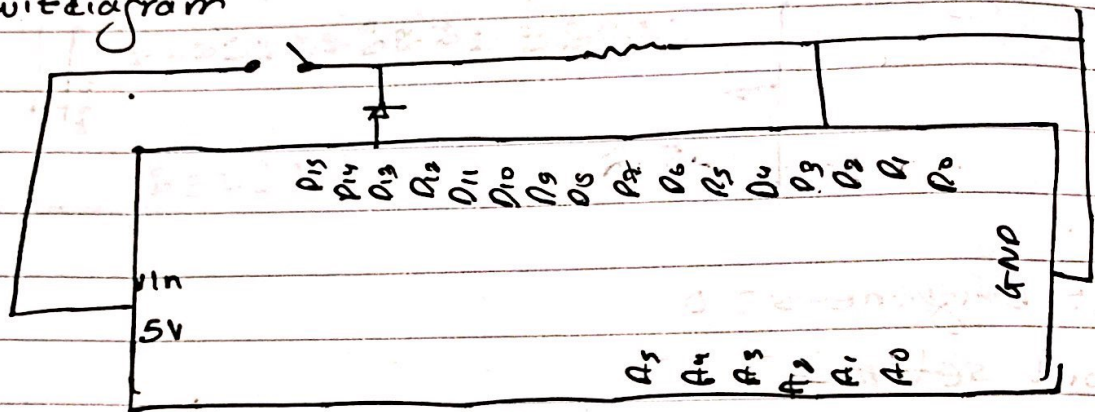
Program No: 5 LED using push button

Aim: Demonstrate to show on/off of 5 LED using push button

HARDWARE REQUIREMENT: Arduino Board, LED, push button

Resistor

Circuit diagram



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);  
  }  
}
```