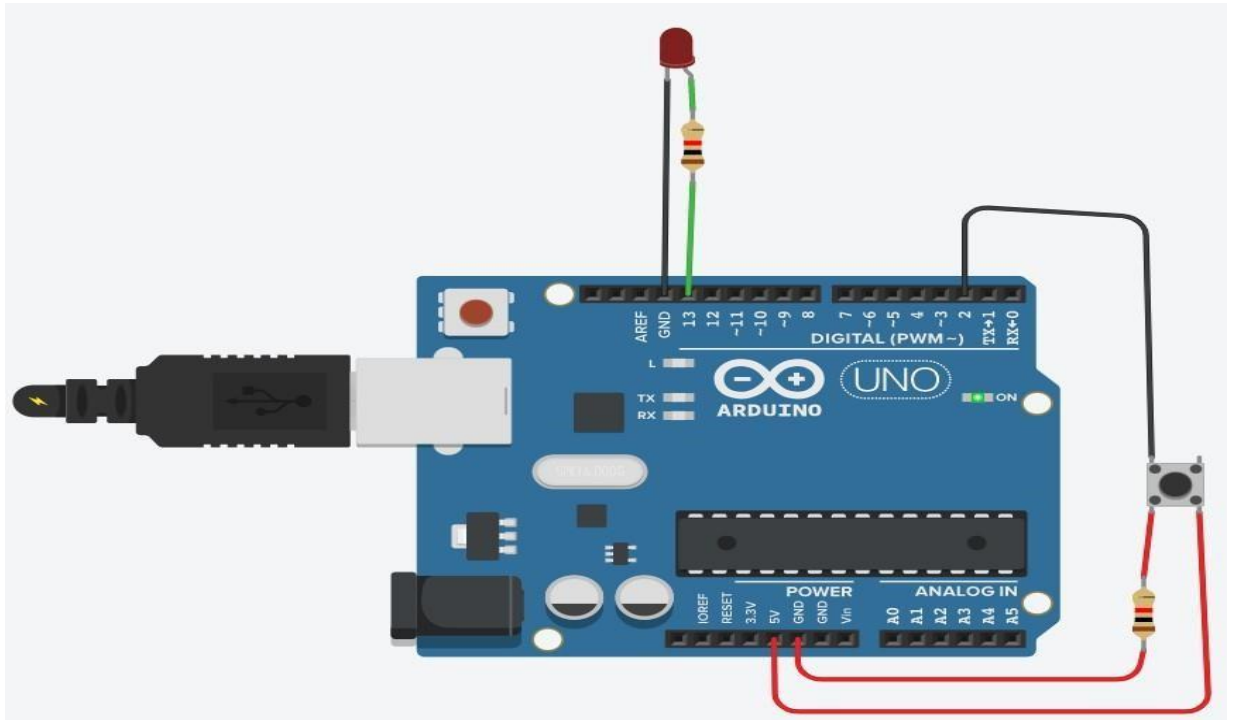IOT practical 4

TITLE:- Draw an interfacing diagram of LED with arduino and write a program to control it using push button

• Code
```
int buttonState = 0;
void setup()  {
 pinMode(2, INPUT);
 pinMode(LED_BUILTIN, OUTPUT);
 }
void loop() {
buttonState=digitalRead(2);
 if(buttonState == HIGH) {
 digitalWrite(LED_BUILTIN, HIGH);
 }
 else {
 digitalWrite(LED_BUILTIN, LOW);
 }
 delay(10);

}
```