the link of Tinkercad:

https://www.tinkercad.com/things/kZmsslUOjyB?sharecode=O5E0_Ijw0U
Pu_J_-bhrsB6P_-L63lKxq-_k4VovPyUg

Serial Communication between two Arduino:

Arduino with Pushbutton (Sender):

```
const int buttonPin = 2; // Connect the pushbutton to digital pin 2

void setup() {
pinMode(buttonPin, INPUT_PULLUP);
Serial.begin(9600);
}

void loop() {
int buttonState = digitalRead(buttonPin);
if (buttonState == LOW) {
Serial.write('1'); // Send a character '1' to indicate button press
delay(1000); // Delay to debounce the button
}
}
```

Arduino with LED (Receiver):

```
const int ledPin = 13; // Connect the LED to digital pin 13

void setup() {
pinMode(ledPin, OUTPUT);
Serial.begin(9600);
}

void loop() {
if (Serial.available() > 0) {
char receivedChar = Serial.read();
if (receivedChar == '1') {
digitalWrite(ledPin, HIGH);
delay(1000);
digitalWrite(ledPin, LOW);
}
}
}
```