

```

char data = 0;           //Variable for storing received data
void setup()
{
    Serial.begin(9600);   //Sets the baud for serial data transmission
    pinMode(13, OUTPUT);  //Sets digital pin 13 as output pin
}
void loop()
{
    if(Serial.available() > 0)    // Send data only when you receive
data:
    {
        data = Serial.read();      //Read the incoming data & store
into data
        Serial.print(data);        //Print Value inside data in Serial
monitor
        Serial.print("\n");
        if(data == '1')            // Checks whether value of data is
equal to 1
            digitalWrite(13, HIGH); //If value is 1 then LED turns ON
        else if(data == '0')       // Checks whether value of data is
equal to 0
            digitalWrite(13, LOW);  //If value is 0 then LED turns OFF
    }
}

```