CODE

Transmitter Code:

```
#include <RH_ASK.h>

#include <SoftwareSerial.h>

SoftwareSerial ArduinoUno(2,3);

#include <SPI.h>

int sensorvalue;

int sensorvalue2;

RH_ASK rf_driver;

void setup () {

rf_driver.init();

Serial.begin(9600);

void loop ()

 {

sensorvalue =  analogRead(0);

sensorvalue2 =  analogRead(1);

Serial.println(sensorvalue,DEC);

If (sensorvalue > 200)

 {

const char *msg = "MQ135";

rf_driver.send((uint8_t*)msg,strlen(msg));
```

```
rf_driver.waitPacketSent();

ArduinoUno.print(sensorvalue);

ArduinoUno.println("\n");

}

else if (sensorvalue2 > 100)

{

rf_driver.send((uint8_t *)msg, strlen(msg));

rf_driver.waitPacketSent();

ArduinoUno.print(sensorvalue);

}

Delay (1000);

}
```

CODE

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Receiver Code:

```
#include<RH_ASK.h>

#include<SPI.h>

RH_ASK rf_driver;

void setup ()

{

rf_driver.init();

Serial.begin(9600);

}

void loop()
{

uint8_t buf[5];

uint8_t buflen = sizeof(buf);

if (rf_driver.recv(buf, &buflen))
{
digitalWrite(3, HIGH);
digitalWrite(4, HIGH);
Serial.print("Message Received: ");
Serial.println((char*)buf);

}

else

{

digitalWrire(3, LOW);

digitalWrire(4, LOW);

delay(1000);
}
```