iot project

Scale connection to computer – done :-
Vcc – 3.3v
Gnd – gnd
RxOUT – rx2(16)
TxIN – tx2(17)

Code:

```
#define RXD2 16
#define TXD2 17
char c;
String readString;
void setup() {
  // Note the format for setting a serial port is as follows: Serial2.begin(baud-rate,
protocol, RX pin, TX pin);
  Serial.begin(115200);
  Serial2.begin(9600, SERIAL_8N1, RXD2, TXD2);
  Serial2.println("serial2test");
  Serial.println("Serial Txd is on pin: " + String(TX));
  Serial.println("Serial Rxd is on pin: " + String(RX));

}

void loop() {
  while (Serial2.available()) {
   c = Serial2.read();
   readString += c;
  }
  if (readString.length() > 0) {
   Serial.print(readString);
   Serial2.print(readString);
   //server.print(readString);
   readString = "";
  }
}
```

RFID connection:-

3.3 – 3.3	Gnd- Gnd	rst – 22	miso – 19
Mosi – 23	SCK – 18	SDA – 21	(red – 32 green -12)