

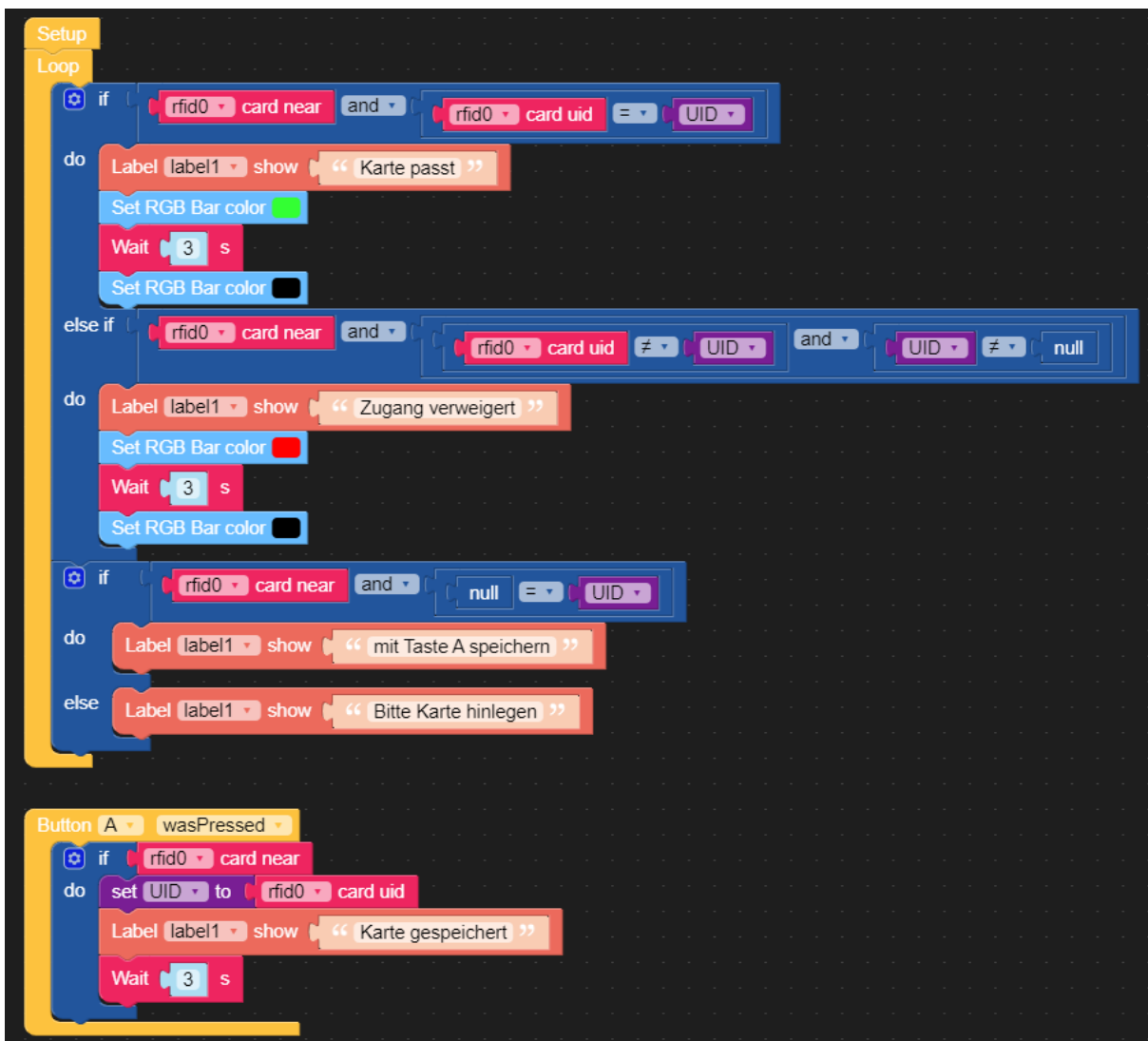
Lösung RFID

1



```
Scratch code for step 1:  
- Setup  
- Loop  
  - Label label3 show rfid0 card near  
  - Label label5 show rfid0 card uid  
  - Wait 0.5 s
```

2



```
Scratch code for step 2:  
- Setup  
- Loop  
  - if (rfid0 card near and rfid0 card uid = UID)  
    do  
      - Label label1 show "Karte passt"  
      - Set RGB Bar color green  
      - Wait 3 s  
      - Set RGB Bar color black  
    else if (rfid0 card near and rfid0 card uid != UID and UID != null)  
      do  
        - Label label1 show "Zugang verweigert"  
        - Set RGB Bar color red  
        - Wait 3 s  
        - Set RGB Bar color black  
  - if (rfid0 card near and null = UID)  
    do  
      - Label label1 show "mit Taste A speichern"  
    else  
      - Label label1 show "Bitte Karte hinlegen"  
- Button A wasPressed  
  - if (rfid0 card near)  
    do  
      - set UID to rfid0 card uid  
      - Label label1 show "Karte gespeichert"  
      - Wait 3 s
```