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#include <SPI.h>
#include <MFRC522.h>

#define RST_PIN D1
#define SDA_PIN D2

MFRC522 mfrc522 (SDA_PIN, RST_PIN);

void setup() {
    Serial.begin(9600);
    SPI.begin();
    mfrc522.PCD_Init();
    Serial.println("Dekatkan kartu dengan RFID Reader ...");
}

void loop() {
    if(!mfrc522.PICC_IsNewCardPresent()){
        return;
    }

    if(!mfrc522.PICC_ReadCardSerial()){
        return;
    }

    Serial.print("UID tag :");
    String content = "";
```

```

byte letter;

for(byte i = 0; i < mfrc522.uid.size; i++){
    Serial.print(mfrc522.uid.uidByte[i] < 0x10 ? " 0" : " ");
    Serial.print(mfrc522.uid.uidByte[i], HEX);
    content.concat(String(mfrc522.uid.uidByte[i] < 0x10 ? " 0" : " "));
    content.concat(String(mfrc522.uid.uidByte[i], HEX));
}

Serial.println();
Serial.print("Pesan : ");
content.toUpperCase();

//Cek Kecocokan Kartu
if(content.substring(1) == "D9 DF 60 B9"){
    Serial.println("Kartu cocok");
    Serial.println();
    delay(1000);
}

else if(content.substring(1) == "7A BE 8C 15"){
    Serial.println("Kartu cocok");
    Serial.println();
    delay(1000);
}

```

```
else{
    Serial.println("Kartu Tidak cocok");
    delay(1000);
}

}
```