

```
#include <SPI.h>

#include <MFRC522.h>

#define SS_PIN 10

#define RST_PIN 9

MFRC522 mfrc522(SS_PIN, RST_PIN);

byte card_ID[4];

byte Name1[4]={0x36,0x7C,0xEB,0x32};

byte Name2[4]={0x2C,0x94,0xC4,0x5C};

int NumbCard[2];

int j=0;

int const RedLed=6;

int const GreenLed=7;

int const Buzzer=8;

String Name;

long Number;

int n ;

void setup() {

    Serial.begin(9600);

    SPI.begin();

    mfrc522.PCD_Init();

    Serial.println("LABEL,Date,Time,Name,Number");

    pinMode(RedLed,OUTPUT);

    pinMode(GreenLed,OUTPUT);

    pinMode(Buzzer,OUTPUT);

}
```

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

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

```
for (byte i = 0; i < mfrc522.uid.size; i++) {
```

```
    card_ID[i]=mfrc522.uid.uidByte[i];
```

```
    if(card_ID[i]==Name1[i]){
```

```
        Name="akshay";
```

```
        Number=106;
```

```
        j=0;
```

```
    }
```

```
    else if(card_ID[i]==Name2[i]){
```

```
        Name="manoj";
```

```
        Number=124;
```

```
        j=1;
```

```
    }
```

```
    else{
```

```
        digitalWrite(GreenLed,LOW);
```

```
        digitalWrite(RedLed,HIGH);
```

```
        delay(60);
```

```
        digitalWrite(RedLed,LOW);

        digitalWrite(Buzzer,HIGH);

delay(60);

digitalWrite(Buzzer,LOW);

        goto cont;
    }
}

if(NumbCard[j] == 1){

}

else{

NumbCard[j] = 1;

n++;

Serial.print("DATA,DATE,TIME," + Name);

Serial.print(",");

Serial.println(Number);

digitalWrite(GreenLed,HIGH);

delay(60);

digitalWrite(GreenLed,LOW);


digitalWrite(RedLed,LOW);

digitalWrite(Buzzer,HIGH);

delay(60);

digitalWrite(Buzzer,LOW);

delay(60);

digitalWrite(Buzzer,HIGH);
```

```
delay(60);
```

```
digitalWrite(Buzzer,LOW);
```

```
Serial.println("end");
```

}

```
delay(1000);
```

cont:

```
delay(2000);
```

```
digitalWrite(GreenLed,LOW);
```

```
digitalWrite(RedLed,LOW);
```

}