


```

for(int i = 0; i < sizeof(rfid.serNum); i++){
    if(rfid.serNum[i] != cards[x][i]) {
        access = false;
        break;
    } else {
        access = true;
    }
}
if(access) {

    NoPintu=x ; // index x = 0 + 2 = 2
    doorlock = x + 2 ;
    break;
}
}

```

```

if(access){
    Serial.println("Welcome!");
    lcd.setCursor (0,0);
    lcd.print(F(" Akses diterima "));
    lcd.setCursor (0,1);
    lcd.print("> Loker Terbuka -");
    doorlock = NoPintu + 2; //program unto merubah index menjadi pin output
    //Serial.println(doorlock);
    digitalWrite(doorlock, LOW);
    tone (buzzer,900);
    delay(100);
    tone (buzzer,1200);
    delay(100);
    tone (buzzer,1800);
    delay(200);
    noTone(buzzer);
    delay(600);
    lcd.setCursor (0,0);
    lcd.print(F(" Loker Akan "));
    lcd.setCursor (0,1);
    lcd.print(F(" Terkunci "));
    for(int i=5; i>0; i--){
        lcd.setCursor (13,1); lcd.print(i);
        delay (1000);
    }
    digitalWrite(doorlock, HIGH);
    lcd.clear();
    alarm=0;
}

```

