```
        ┌─────────────┐
        │    Mulai    │
        └──────┬──────┘
               │
               ▼
      ╱──────────────────╲
     ╱  input email dan   ╲◄──────────────────┐
     ╲     password       ╱                    │
      ╲──────────────────╱                     │
               │                               │
               ▼                               │
      ┌──────────────────────────┐             │
      │                          │             │
      │ user = database.findUser(email)        │
      │                          │             │
      └────────────┬─────────────┘             │
                   │                           │
                   ▼                           │
              ╱─────────╲                      │
             ╱           ╲      ╱──────────────────╲
            ╱  user != null ╲──False─►│ Display error    │
            ╲             ╱   ╲  "email tidak dikenali" ╱
             ╲           ╱      ╲──────────────────╱
              ╲─────────╱
                   │
                 True
                   │
                   ▼
              ╱─────────╲
             ╱           ╲
            ╱ password ==  ╲──False─►╱──────────────────╲
            ╲ user.password╱          │  Display error   │
             ╲           ╱            ╲ "password salah" ╱
              ╲─────────╱              ╲──────────────────╱
                   │
                 True
                   │
                   ▼
```

secret_otp = sendOTP()

input otp

otp == secret_otp

True

False → resend = input("resend OTP?")

resend == 'Ya'

True

Redirect to dashboard

Selesai

```
1  # Start Writing Here
2
3  Start
4
5  init email, password: integer;
6  read(email); {input user}
7  read(password); {input user}
8
9  set user = database.findUser(email);
10
11 if user == null:
12     print("User tidak ditemukan");
13     kembali ke baris 6;
14
15 if user.password != password:
16     print("Kata sandi salah");
17     kembali ke baris 6;
18
19 set secret_otp = sendOTP();
20
21 init otp: integer;
22 read(otp); {input user};
23
24 if (secret_otp != otp):
25     init resend: string;
26
27     read(resend); {input user}
28
29     if (resend == 'ya'):
30         kembali ke baris 19;
31
32     kembali ke baris 22;
33
34 redirect ke dashboard;
35
36 End;
```