

# problem-9

## Description

- You need to make an application which displays Dashboard only when the user is authenticated
- You need to maintain state using context API
- Authentication will be done with this API: <https://reqres.in/api/login>

## Boilerplate

- You are given following components
- **Components**
  - Dashboard
    - display the token from the api to the user
  - Login
    - user should be able to login from here
    - use reqres.in api for logging in
    - you need to maintain the user auth state in a context API
  - App
    - should handle the conditional rendering between Login and Dashboard
- **Context**
  - AuthContextProvider
    - maintain your application state here and wrap your entire app around it
    - Default State:

```
isAuth: false, loading: false, error: null, token: ""
```

- You are given these dummy elements (anything with data-testid you should not remove or change the attribute values)

### Login.jsx

- A user should be able to login from here
- There is a form already made for you
- You need to complete it with by using the following api

- **POST**
- <https://reqres.in/api/login>
- DOCS: <https://reqres.in/>
- You need to maintain the authentication state in context API
- **isAuth** , and **token**
- once logged in, a user is shown Dashboard component
- On clicking on LOGOUT. The auth state should be reset to initial state(We will/should see Login Component now)

**Token: QpwL5tke4Pnpja7X4**