

Total Marks: 30

Time: 3 hrs

1. Setup a React Application and authentication process by which user can do Login and Signup. (10 Marks)
2. Signed in user will see a small calculator on which he can perform: (5 Marks)
 - a. Multiplication
 - b. Addition
 - c. Substraction
 - d. DivisionMange with "states"
3. Logged in user will be able to add "todo items" and will have the capability to: (10 Marks)
 - a. Add
 - b. Edit
 - c. Delete
 - d. UpdateTodo list items. Use **redux** for maintaining this.
4. Make a page where the logged in user can go and in that page just show dummy data from an dummy API (5 Marks)
Example: <https://jsonplaceholder.typicode.com/>
And display the data in tabular format. Add sorting and searching on client side.

Note: You need to do proper commits for each feature you make, and it is mandatory, commits can affect the marks, so do them properly.