



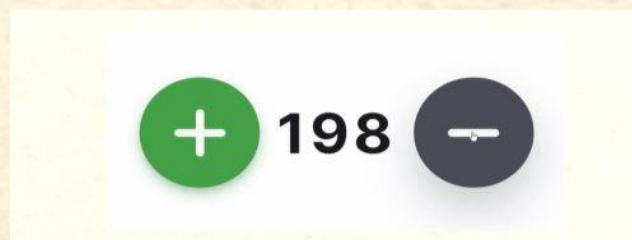
## React JS

## Week 17 HW





1. Explain the distinction between a framework and a library and also identify whether React is considered a framework or a library and explain why.
2. What are the advantages of utilizing React in frontend development of applications?
3. How is JSX utilized in React?
4. In React, what is the role of components, and what are the methods for creating them?
5. Build a React project and display the phrase “Hello World” on the main page.
6. Build a React project featuring a counter, as shown in the image below. The + button increments the counter by one, while the – button decreases it by one.



scores	
Question 1	10
Question 2	10
Question 3	10
Question 4	10
Question 5	25
Question 6	25
Git	10

## SUBMISSION NOTES

1. Compress your homework into a single compressed file (.rar or .zip)
2. Create a repository for the homework in GitHub and give access to your TAs.
3. The name should have the following format: name\_hw1\_maktab99  
example: MohammadAli\_Kargar\_hw1\_maktab85
4. Create a description word document for your questions if necessary
5. Submit your file in LMS before due date.
6. If you have any questions, feel free to ask in Rocket Chat.

**Best of Luck and Happy Coding!**