

MERN STACK

WEEK-1

1.DAY-1

full stack development or web development -development of websites and web applications

1. frontend

- HTML-content/structure
- CSS-styling
- JavaScript--logic/functionality
- bootstraps framework
- react - JavaScript and library

2. backend

- node-js -runtime environment of JavaScript
- express js- frame work of node js

3. database

- mongodb-NoSQL-database

2.DAY-2

1.task1

- complete profile page

2.task2

- create a home page of website

3.task3

- create a login page

3.DAY-3

CSS-cascading style sheet used for styling website and web-applications

1.types css

- inline css
- internal css
- external css

2.selectors

- tag selectors
- class selectors
- id selectors

4.DAT-4

1.task1

- design login page of Instagram using CSS

2.task2

- design home page of any website using CSS

3.task3

- given in group

5.DAY-5

1.task-1

- design calculator built in class

2.task-2

- write a JavaScript programme that will take radius as input and give volume of sphere as output and design that page also using CSS

3.task-3

- -build a game using HTML CSS and JavaScript

JavaScript is an high level programming language used to make our websites and web applications interactive.

way to add JavaScript to HTML

- inline javascript
- internal javascript
- external javascript

some predefined functions of javascript

- alert()
- prompt()
- console.log()
- document.write()

variables

- containers to store data in code

variables declaration method:-

- var
- let
- const

rules to write variables

- variable start with letter or \$ or _
- variable includes only letters,number,_ and \$
- variables are case sensitive
- variables cannot be reserved keywords like for,if,else ect

datatype

- primitive-number,string,boolean,undefined,null,symbol and bigint
- non-primitive-object,array and date

