

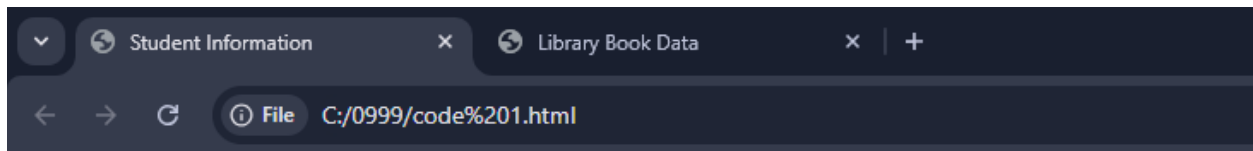
# WEB APPLICATION DEVELOPMENT LAB

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HU22CSEN0100999

1. Create object from JSON String for student data like pin, first name, last name, course, cgpa.



## Student Information

0999 ,Eshwar Deshmukh Chavan, Computer Science, CGPA: 10

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Student Information</title>
</head>
<body>
  <h1>Student Information</h1>
  <div id="student-info"></div>

  <script>
    const jsonString = '{"pin": "0999", "firstname": "Eshwar", "lastname":
"Deshmukh Chavan", "course": "Computer Science", "cgpa": 10}';

    class Student {
      constructor(pin, firstname, lastname, course, cgpa) {
        this.pin = pin;
        this.firstname = firstname;
        this.lastname = lastname;
        this.course = course;
```

```

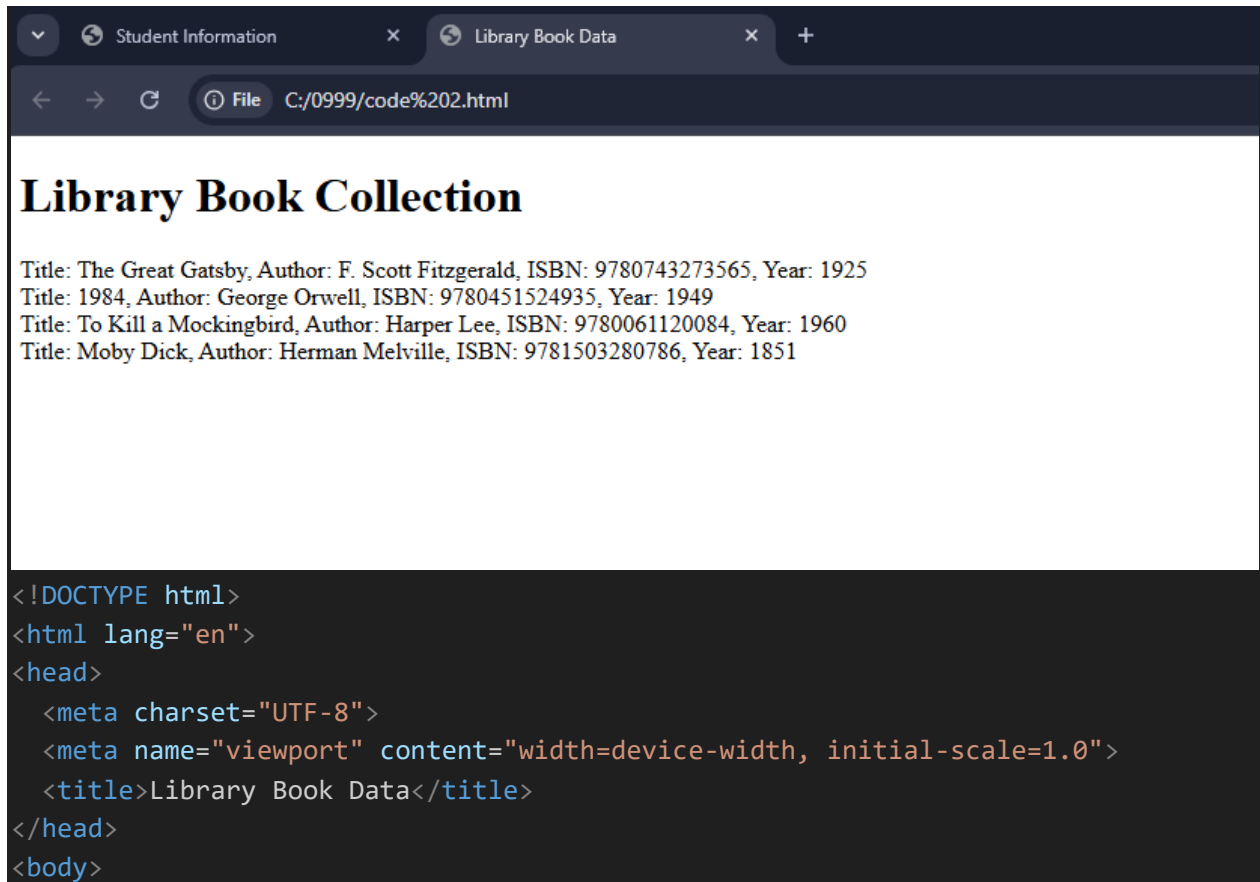
        this.cgpa = cgpa;
    }

    display() {
        return `${this.pin} ,${this.firstname} ${this.lastname}, ${this.course},
CGPA: ${this.cgpa}`;
    }
}

const studentData = JSON.parse(jsonString);
const student = new Student(studentData.pin, studentData.firstname,
studentData.lastname, studentData.course, studentData.cgpa);
document.getElementById('student-info').innerText = student.display();
</script>
</body>
</html>

```

2. Write a program to maintain library book data by using join and java script.



**Library Book Collection**

Title: The Great Gatsby, Author: F. Scott Fitzgerald, ISBN: 9780743273565, Year: 1925  
 Title: 1984, Author: George Orwell, ISBN: 9780451524935, Year: 1949  
 Title: To Kill a Mockingbird, Author: Harper Lee, ISBN: 9780061120084, Year: 1960  
 Title: Moby Dick, Author: Herman Melville, ISBN: 9781503280786, Year: 1851

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Library Book Data</title>
</head>
<body>

```

```
<h1>Library Book Collection</h1>
<div id="library"></div>

<script>
  const books = [
    { title: "The Great Gatsby", author: "F. Scott Fitzgerald", isbn:
"9780743273565", year: 1925 },
    { title: "1984", author: "George Orwell", isbn: "9780451524935", year:
1949 },
    { title: "To Kill a Mockingbird", author: "Harper Lee", isbn:
"9780061120084", year: 1960 },
    { title: "Moby Dick", author: "Herman Melville", isbn: "9781503280786",
year: 1851 }
  ];
  const bookDetails = books.map(book => {
    return `Title: ${book.title}, Author: ${book.author}, ISBN: ${book.isbn},
Year: ${book.year}`;
  }).join('<br>');

  document.getElementById('library').innerHTML = bookDetails;
</script>
</body>
</html>
```