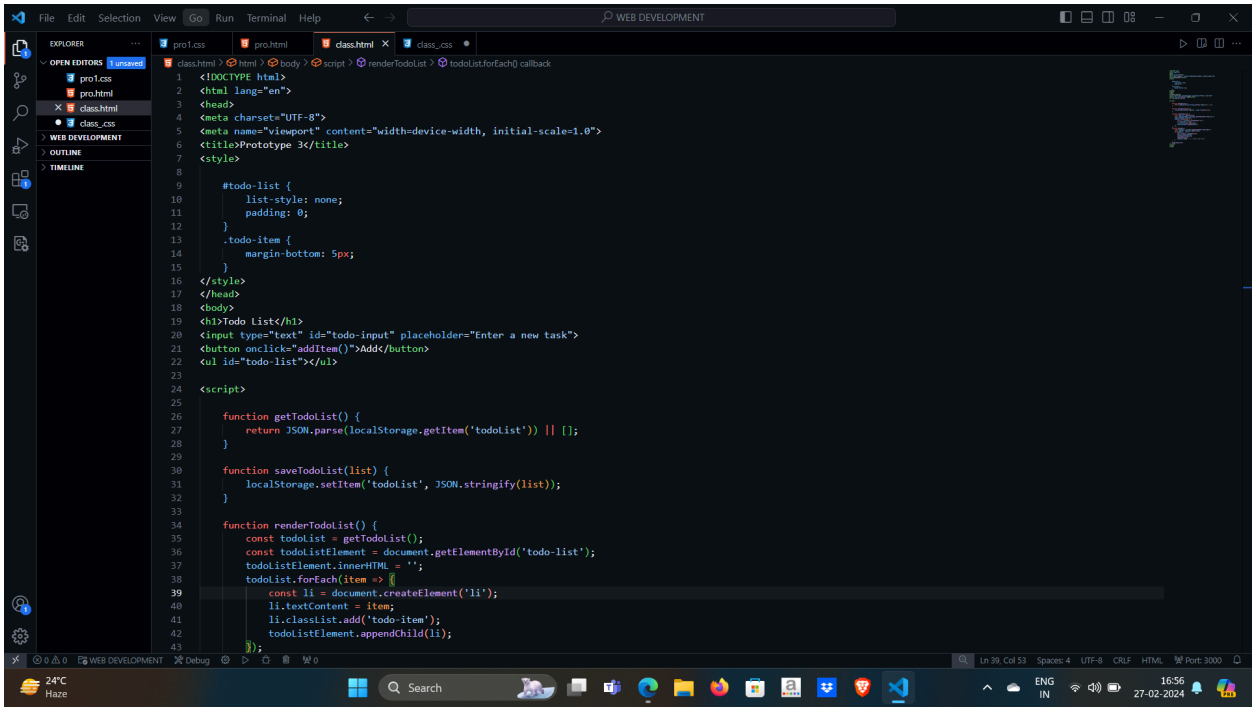
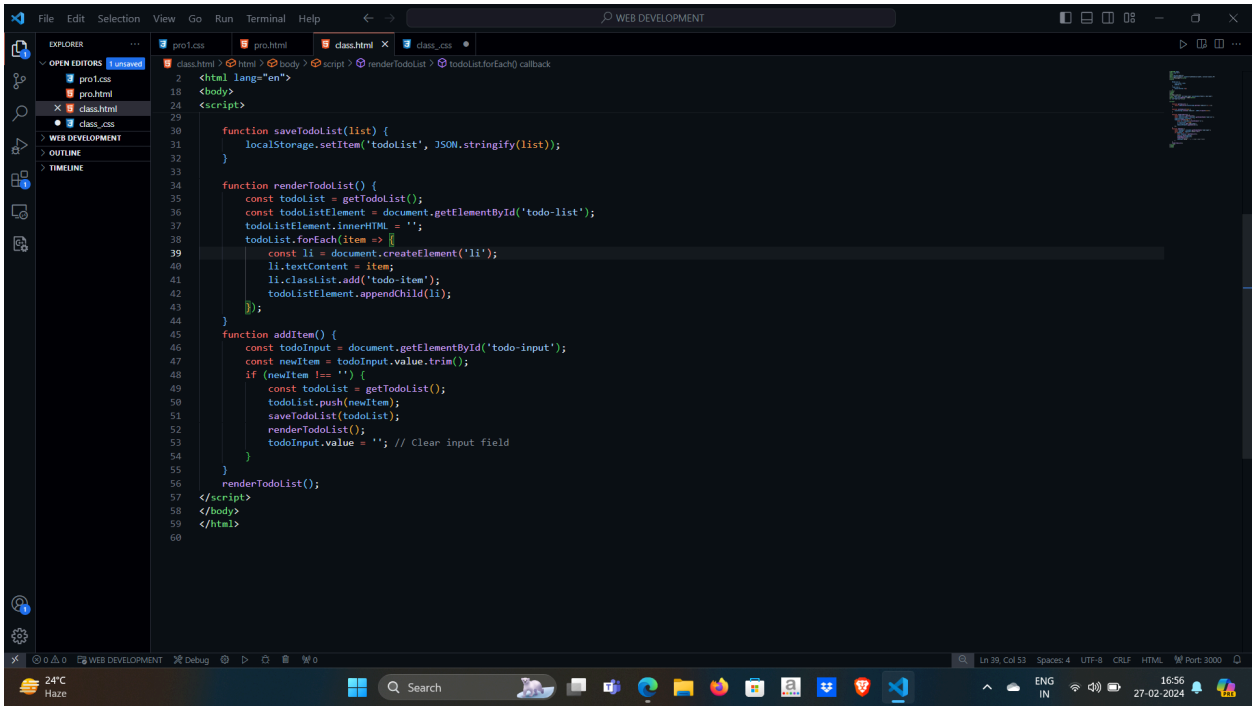
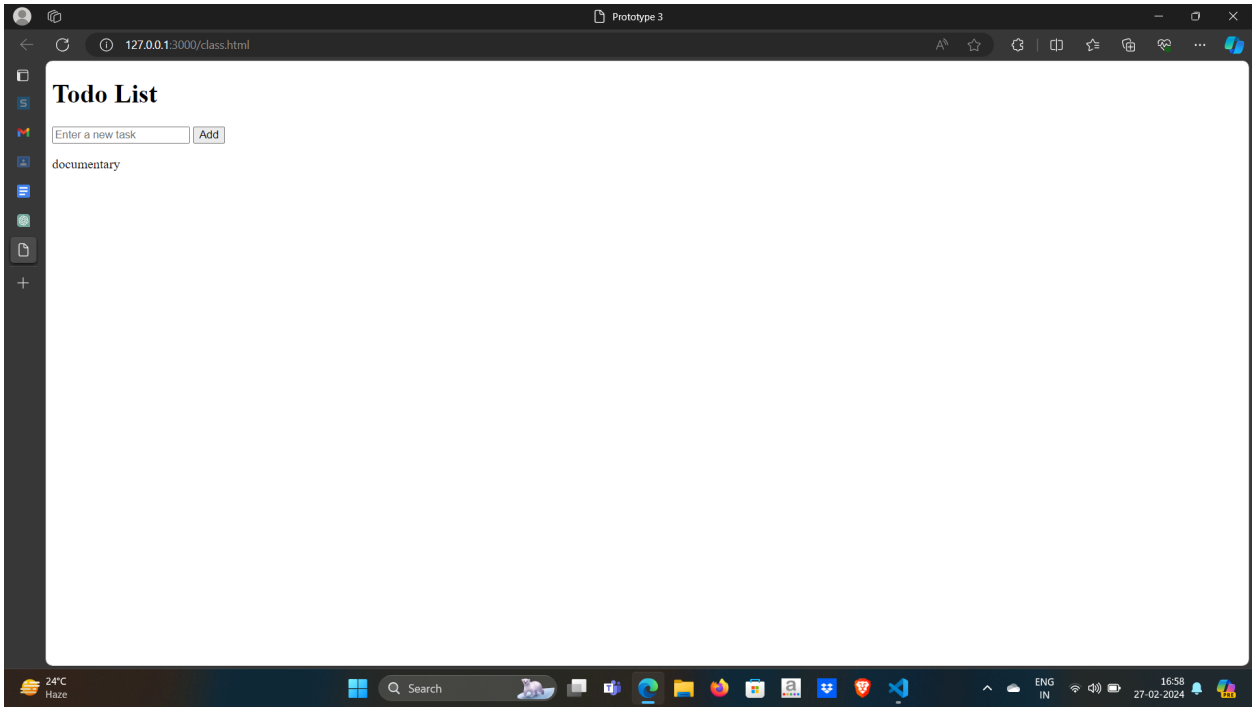
NAME : ARYAN KHAIWAL
ROLL NO. : 22CS2029

T1. Develop prototype 3 continuing with the last lab. Confirm that the app now remembers your list even after a page refresh.

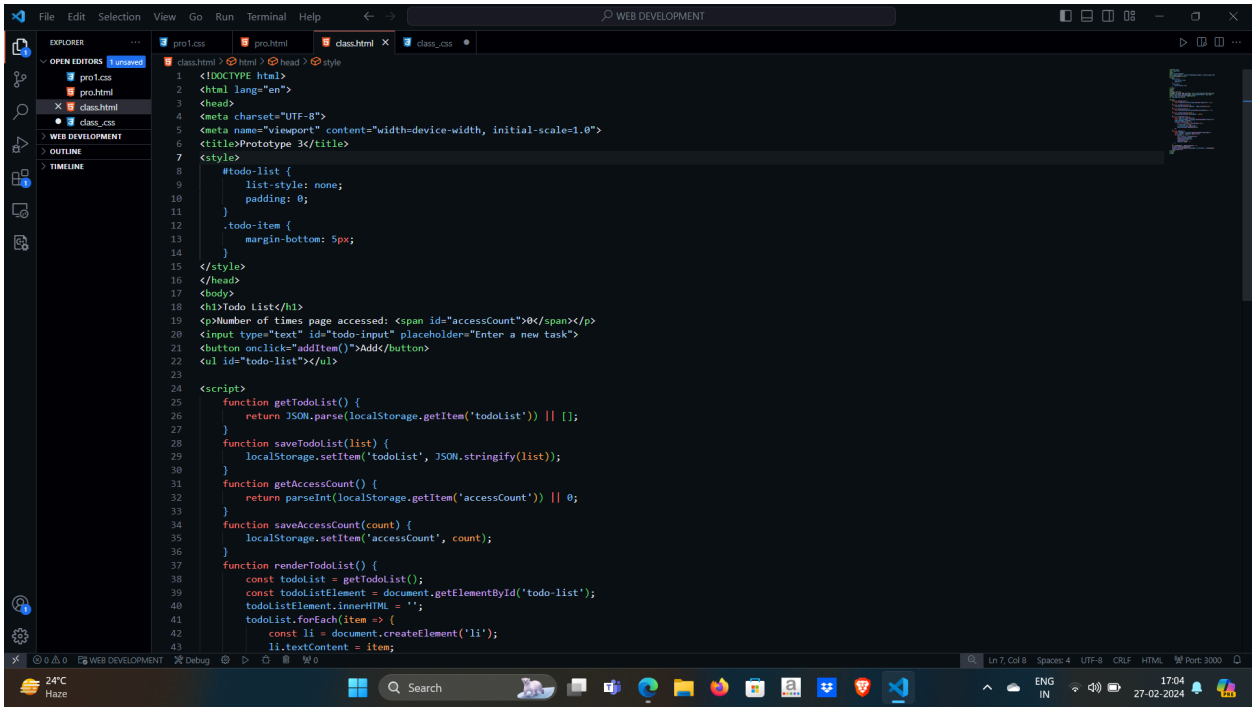


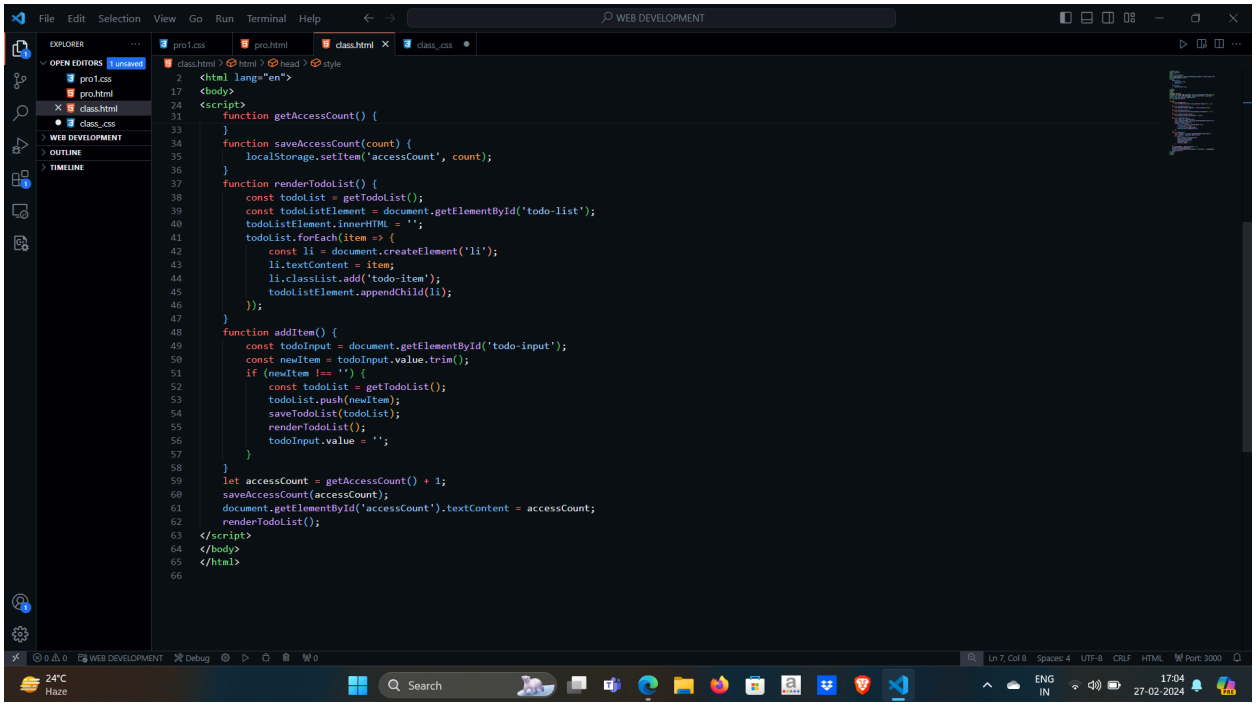


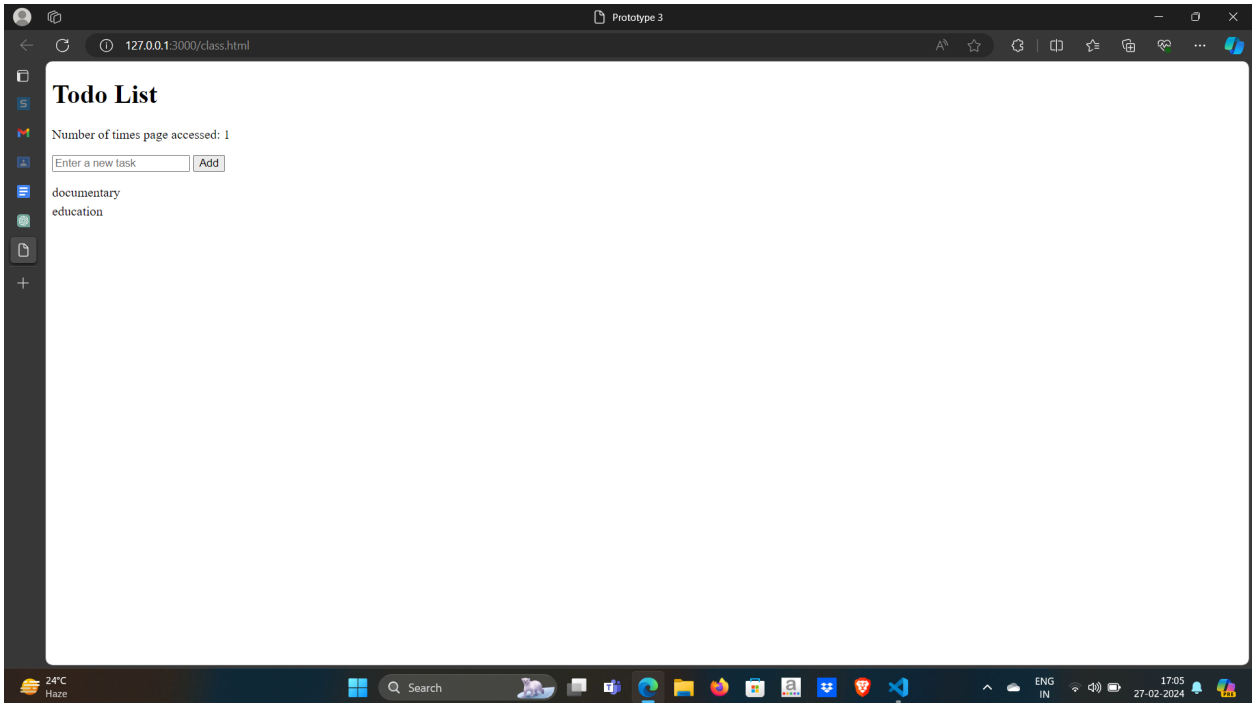


T2. Create a local storage that saves the number of times you have accessed the page and

displays it.


File Edit Selection View Go Run Terminal Help
WEB DEVELOPMENT
EXPLORER
OPEN EDITORS 1 unsaved
pro1.css
pro.html
class.html
class_css
WEB DEVELOPMENT
OUTLINE
TIMELINE
pro1.css
pro.html
class.html
class_css
class.html > html > head > style
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Prototype 3</title>
<style>
#todo-list {
list-style: none;
padding: 0;
}
.todo-item {
margin-bottom: 5px;
}
</style>
</head>
<body>
<h1>Todo List</h1>
Number of times page accessed: 0
<input type="text" id="todo-input" placeholder="Enter a new task">
<button onclick="addItem()">Add</button>
<ul id="todo-list">
<script>
function getTodoList() {
return JSON.parse(localStorage.getItem('todoList')) || [];
}
function saveTodoList(list) {
localStorage.setItem('todoList', JSON.stringify(list));
}
function getAccessCount() {
return parseInt(localStorage.getItem('accessCount')) || 0;
}
function saveAccessCount(count) {
localStorage.setItem('accessCount', count);
}
function renderTodoList() {
const todoList = getTodoList();
const todoListElement = document.getElementById('todo-list');
todoListElement.innerHTML = '';
todoList.forEach(item => {
const li = document.createElement('li');
li.textContent = item;
Ln 7, Col 8 Spaces: 4 UTF-8 CRLF HTML Port: 3000
24°C
Haze
Search
ENG
IN
17:04
27-02-2024


File Edit Selection View Go Run Terminal Help
WEB DEVELOPMENT
EXPLORER
OPEN EDITORS 1 unsaved
pro1.css
pro.html
class.html
class_css
WEB DEVELOPMENT
OUTLINE
TIMELINE
pro1.css
pro.html
class.html
class_.css
class.html > html > head > style
<html lang="en">
<body>
<script>
function getAccessCount() {
}
function saveAccessCount(count) {
localStorage.setItem('accessCount', count);
}
function renderTodoList() {
const todoList = getTodoList();
const todoListElement = document.getElementById('todo-list');
todoListElement.innerHTML = '';
todoList.forEach(item => {
const li = document.createElement('li');
li.textContent = item;
li.classList.add('todo-item');
todoListElement.appendChild(li);
});
}
function addItem() {
const todoInput = document.getElementById('todo-input');
const newItem = todoInput.value.trim();
if (newItem !== '') {
const todoList = getTodoList();
todoList.push(newItem);
saveTodoList(todoList);
renderTodoList();
todoInput.value = '';
}
}
let accessCount = getAccessCount() + 1;
saveAccessCount(accessCount);
document.getElementById('accessCount').textContent = accessCount;
renderTodoList();
</script>
</body>
</html>
Ln 7, Col 8 Spaces: 4 UTF-8 CRLF HTML Port: 3000
24°C Haze
Search
ENG IN
17:04 27-02-2024


Prototype 3
127.0.0.1:3000/class.html
Todo List
Number of times page accessed: 1
Enter a new task
Add
documentary
education
24°C Haze
Search
ENG IN
17:05 27-02-2024