

KNOWLEDGE INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)

(Accredited by NAAC & NBA, Approved by AICTE, New Delhi and Affiliated To Anna University, Chennai)

KAKAPALAYAM (PO), SALEM - 637 504



Beyond Knowledge

RECORD NOTE BOOK

Register Number

Certified that this is the bonafide record of work done by Selvan/

Selvi.....of the.....Semester
.....
..... Branch during the
year.....in the.....
Laboratory.

Staff – In charge

Head of the Department

Submitted for the University practical Examination on Internal

Examiner

External Examiner

LIST OF EXPERIMENTS

S.NO	DATE	NAME OF THE EXPERIMENT	PAGE. NO	Marks	Sign
1		Develop a portfolio website for yourself which gives details about yourself for a potential Recruiter.			
2		Create a web application to manage the TO-DO list of users, where users can login and manage their to-do items.			
3		Create a simple micro blogging application (like twitter) that allows people to post their content which can be viewed by people who follow them.			
4		Create a food delivery website where users can order food from a particular restaurant listed in the website.			
5		Develop a classifieds web application to buy and sell used products.			
6		Develop a leave management system for an organization where users can apply different types of leaves such as casual leave and medical leave. They also can view the available number of days.			
7		Develop a simple dashboard for project management where the statuses of various tasks are available. New tasks can be added and the status of existing tasks can be changed among Pending, In Progress or Completed.			
8		Develop an online survey application where a collection of questions is available and users are asked to answer any random 5 questions.			

Ex.No.1	Develop a portfolio website for yourself which gives details about yourself for a potential Recruiter.
<u>DATE:</u>	

AIM:

To develop a portfolio website for yourself which gives details about yourself for a potential Recruiter.

ALGORITHM:

Step 1: Identify essential sections: About Me, Resume, Projects, Contact.

Step 2: Choose a Technology Stack Select a web development framework and languages.

Step 3: Create Project Structure Establish directories for HTML, CSS, JavaScript files, and assets.

Step 4: Code HTML Structure Develop HTML templates for each webpage (index, about, resume, projects, contact).

Step 5: Implement CSS Styling Style HTML elements using CSS for a visually appealing design.

Step 6: Add JavaScript Functionality Integrate JavaScript for interactive features and dynamic content loading.

Step 7: Test and Debug Conduct thorough testing on different browsers and devices.

PROGRAM:

HTML:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link rel="stylesheet" href="style.css">
<title>Sowndariya-k</title>
<link rel="shortcut icon" type="image/png" href="./image/favicon.ico">
</head>
<body>

  <!-- Header -->
  <section id="header">
    <div class="header container">
      <div class="nav-bar">
        <div class="brand">
<a href="#hero"><h1><span>S</span>owndariya<span> K</span></h1></a>
        </div>
        <div class="nav-list">
          <div class="hamburger">
            <div class="bar">
              </div>
            </div>
            <ul>
              <li><a href="#hero" data-after="Home">Home</a></li>
              <li><a href="#about" data-after="About">About</a></li>
              <li><a href="#skills" data-after="Skills">Skills</a></li>
              <li><a href="#projects" data-after="Project">Project</a></li>
              <li><a href="#contact" data-after="Contact">Contact</a></li>
            </ul>
          </div>
        </div>
      </div>
    </section>
  <!-- End Header -->

  <!-- Hero Section -->
  <section id="hero">
    <div class="hero container">
      <div>
```

```
        <h1>Hello,<span></span></h1>
        <h1>My Name is <span></span></h1>
        <h1>Sowndariya K <span></span></h1>
        <a href="./images/resume.pdf" class="cta">Resume</a>
    </div>
</div>
</section>
<!-- End Hero Section -->
```

```
<!-- About Section -->
<section id="about">
    <div class="about container">
        <div class="col-left">
            <div class="about-img">
                
            </div>
        </div>
        <div class="col-right">
            <h1 class="section-title">About <span>Me</span></h1>
            <h2>Hello! I'm Sowndariya K</h2>
            <p>I am an IT student at the Knowledge Institute of Technology and a
passionate full-stack developer. With proficiency in HTML, CSS, JavaScript,
Python, Java, and C, I build dynamic and efficient web applications. My internship
experiences have provided hands-on learning and skill enhancement in real-time
projects.
```

```
        </p>
        <a href="#contact" class="cta">Contact Me</a>
    </div>
</div>
</section>
<!-- End About Section -->
```

```
<!-- Skills Section -->
<section id="skills">
    <div class="skills container">
        <div class="skills-top">
            <h1 class="section-title">Sk<span>i</span>lls</h1>
```

```

    <p>From last few years, I have put much efforts in
      learning and improving my skills. Here are some of them!</p>
  </div>
  <div class="skills-bottom">

    <div class="skills-items">
      <div class="icon">
        
      </div>
      <h1>C</h1>
    </div>
    <div class="skills-items">
      <div class="icon">
        
      </div>
      <h1>Python</h1>
    </div>
    <div class="skills-items">
      <div class="icon">
        
      </div>
      <h1>HTML</h1>
    </div>
    <div class="skills-items">
      <div class="icon">
        
      </div>
      <h1>CSS</h1>
    </div>
    <div class="skills-items">
      <div class="icon">
        

```

```

        </div>
        <h1>JS</h1>
    </div>
    <div class="skills-items">
        <div class="icon">
            
        </div>
        <h1>React.js</h1>
    </div>
    <div class="skills-items">
        <div class="icon">
            
        </div>
        <h1>MongoDB</h1>
    </div>
</div>
</section>
<!-- End Skills Section -->

<!-- Project Section -->

<section id="projects">
    <div class="projects container">
        <div class="projects-header">
            <h1 class="section-title">Recent <span>Projects</span></h1>
        </div>
        <div class="all-projects">
            <div class="project-item">
                <div class="project-info">
                    <h1>Ecommerce landing page</h1>
                    <p>"Developed an elegant and responsive landing page for an e-commerce flower shop, showcasing a seamless user experience with vibrant design elements. Implemented dynamic features to enhance customer engagement and

```

facilitate smooth navigation. Leveraged HTML, CSS, Bootstrap, and JavaScript for a visually appealing and functional interface." </p>

View Project

</div>

<div class="project-img">

</div>

</div>

<div class="project-item">

<div class="project-info">

<h1>To-Do List</h1>

<p>"Created a user-friendly to-do list application with an intuitive interface, enabling efficient task management. Integrated features like task prioritization, due dates, and status tracking to enhance productivity. Built using HTML, CSS, and JavaScript, ensuring a seamless and responsive user experience."</p>

View Project

</div>

<div class="project-img">

</div>

</div>

</div>

</div>

</section>

<!-- End Project Section -->

<!-- Contact Section -->

<section id="contact">

<div class="contact container">

<div>

<h1 class="section-title">Contact Info</h1>

</div>

<div class="contact-items">


```
        <div class="footer container">
            <p>Copyright © sowndariya k 2024 | All Rights Reserved.</p>
        </div>
    </section>
    <!-- End Footer -->
    <script src="./app.js"></script>
</body>
</html>
```

CSS:

```
@import
url('https://fonts.googleapis.com/css2?family=Montserrat:wght@300;400;700&displa
y=swap');
*{
    padding: 0;
    margin: 0;
    box-sizing: border-box;
}
html{
    font-size: 10px;
    font-family: 'Montserrat', sans-serif;
    scroll-behavior: smooth;
}
a{
    text-decoration: none;
}
img{
    height: 100%;
    width: 100%;
    object-fit: cover;
}
/* Hero Section */
#hero h1:nth-child(1) span{
    animation-delay: 0.5s;
}
#hero h1:nth-child(2) span{
```

```
    animation-delay: 1.5s;
}
#hero h1:nth-child(3) span{
    animation-delay: 2.5s;
}
/* End Hero Section */
/* About Section */
#about .col-left{
    width: 250px;
    height: 360px;
}
#about .col-right{
    width: 100%;
}
#about .col-right p{
    margin-bottom: 20px;
    padding: 0;
}
#about .col-right .cta{
    margin-bottom: 50px;
}
/* End About Section */

/* Skills Section */
#skills .skills-items h1{
    font-size: 2rem;
    color: white;
    margin-bottom: 10px;
    text-transform: uppercase;
}
#skills .skills-items p{
    color: white;
    text-align: center;
    padding: 0;
}
#skills .skills-items:hover{
    transform: scale(1.1);
```

```

}
/* End Skills Section */

/* Projects Section */
#projects .project-img img{
  transition: 0.3s ease transform;
}
#projects .project-item:hover .project-img img{
transform: scale(1.1);
}
#contact .contact-item:hover{
  box-shadow: 0px 0px 5px 0px #0000002c;
}
#contact .contact-info h2{
  font-size: 1.3rem;
  line-height: 2rem;
  font-weight: 500;
}
/* End Contact Section */

```

JAVASCRIPT:

```

const hamburger = document.querySelector('.header .nav-bar .nav-list .hamburger');
const mobile_menu = document.querySelector('.header .nav-bar .nav-list ul');
const menu_item = document.querySelectorAll('.header .nav-bar .nav-list ul li a');
const header = document.querySelector('.header.container');

```

```

hamburger.addEventListener('click',()=>{
  hamburger.classList.toggle('active');
  mobile_menu.classList.toggle('active');
});

```

```

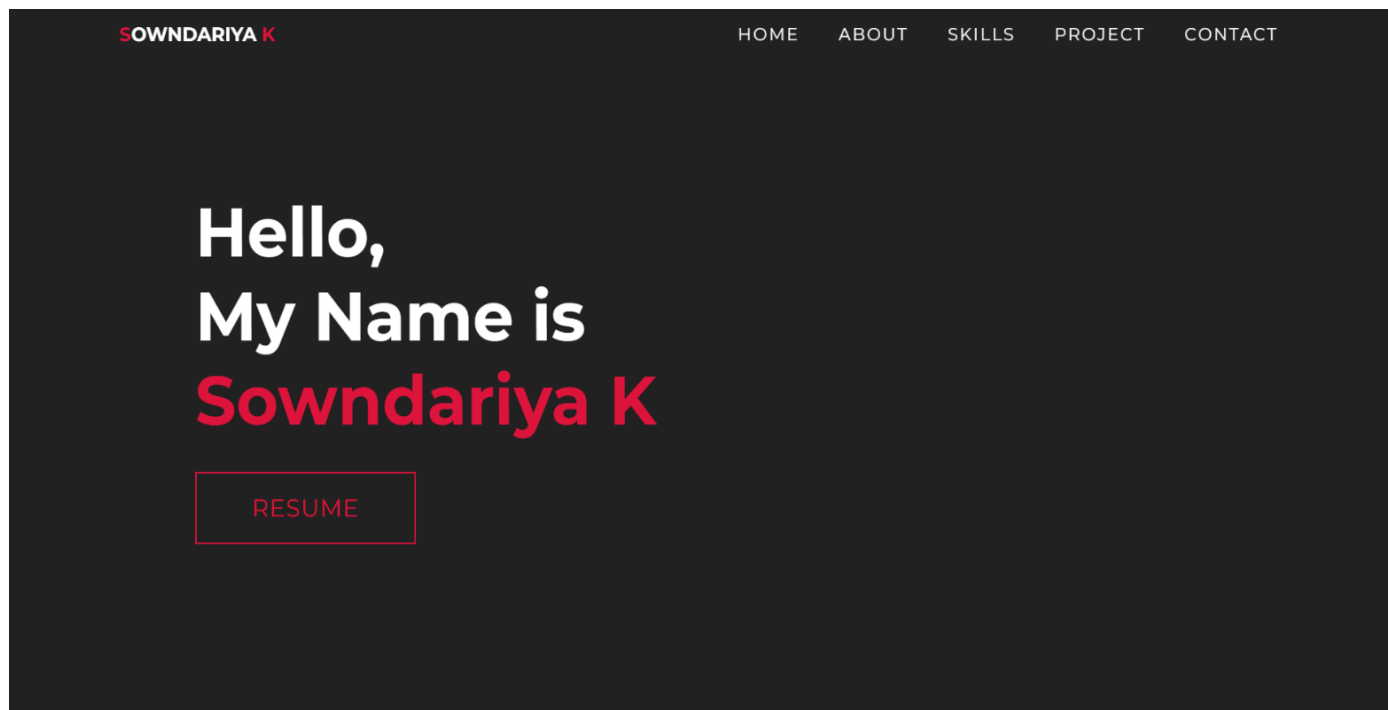
document.addEventListener('scroll',()=>{
  var scroll_position = window.scrollY;
  if(scroll_position > 250){
    header.style.backgroundColor = '#29323c';
  }else{

```

```
    header.style.backgroundColor = 'transparent';
  }
});

menu_item.forEach(item=>{
  item.addEventListener('click',()=>{
    hamburger.classList.toggle('active');
    mobile_menu.classList.toggle('active');
  });
});
```

OUTPUT:





ABOUT ME

Hello! I'm Sowndariya K

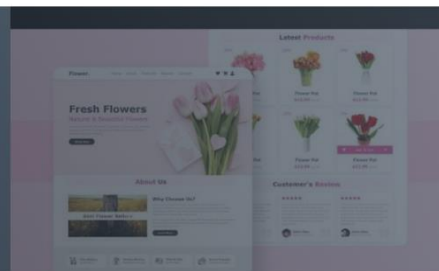
I am an IT student at the Knowledge Institute of Technology and a passionate full-stack developer. With proficiency in HTML, CSS, JavaScript, Python, Java, and C, I build dynamic and efficient web applications. My internship experiences have provided hands-on learning and skill enhancement in real-time projects.

[CONTACT ME](#)

RECENT PROJECTS

Ecommerce landing page

"Developed an elegant and responsive landing page for an e-commerce flower shop, showcasing a seamless user experience with vibrant design elements. Implemented dynamic features to enhance customer engagement and facilitate smooth navigation. Leveraged HTML, CSS, Bootstrap, and JavaScript for a visually appealing and functional interface."

[View Project](#)

To-Do List

"Created a user-friendly to-do list application with an intuitive interface, enabling efficient task management. Integrated features like task prioritization, due dates, and status tracking to enhance productivity. Built using HTML, CSS, and JavaScript, ensuring a seamless and responsive user experience."

[View Project](#)



CONTACT INFO



Department of IT		
Performance	30	
Observation	30	
Record	40	
Total	100	

RESULT:

Thus the given portfolio webpage was executed successfully. It includes HTML, CSS, and JavaScript programs.

Ex.No.2	Create a web application to manage the TO-DO list of users, where users can login and manage their to-do items.
<u>DATE:</u>	

AIM:

To Create a web application to manage the TO-DO list of users, where users can login and manage their to-do items

ALGORITHM:

Step 1: Identify essential sections.

Step 2: Choose a Technology Stack Select a web development framework and languages.

Step 3: Create Project Structure Establish directories for HTML, CSS, JavaScript files, and assets.

Step 4: Code HTML Structure Develop HTML templates for each webpage (index, about, resume, projects, contact).

Step 5: Implement CSS Styling Style HTML elements using CSS for a visually appealing design.

Step 6: Add JavaScript Functionality Integrate JavaScript for interactive features and dynamic content loading.

Step 7: Test and Debug Conduct thorough testing on different browsers and devices.

PROGRAM:

HTML:

```
<!DOCTYPE html>  
<html lang="en">
```



```
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <link rel="stylesheet" href="./style.css" />
  <script src="./script.js" defer></script>
  <title>Todo</title>
</head>
<body>
  <section class="todo">
    <h2>To-do list</h2>
    <div class="input">
      <input
        type="text"
        class="input-field"
        id="todoInput"
        placeholder="Add a new todo"
      />
      <button class="btn">Add</button>
    </div>
    <ul class="scroll">
      <li id="todoList"></li>
    </ul>
    <div>
      <hr class="counter" />
      <div class="counter-container">
        <p><span id="todoCount">0</span> items total</p>
        <p><span id="completeCount">0</span> complete</p>
        <p><span id="incompleteCount">0</span> incomplete</p>
        <button id="deleteButton">Delete All</button>
      </div>
    </div>
  </section>
</body>
</html>
```

CSS:

```
:root {  
  --gradient: linear-gradient(  
    180deg,  
    rgba(45, 112, 1253, 0.73) 0%,  
    #cf7af4 100%  
  );  
  --dark: #001747;  
  --grey: #b1bacb;  
  --grey-border: rgba(210, 210, 210, 0.75);  
  --grey-light: #eeeeee;  
  --grey-dark: $405175;  
  --blue: #ad4be6;  
  --green: #32c777;  
  --white: #ffffff;  
}
```

```
body {  
  overscroll-behavior: none;  
  background: var(--gradient);  
  margin: 0;  
  height: 100vh;  
  display: flex;  
  flex-direction: column;  
  justify-content: space-evenly;  
  align-items: center;  
}
```

```
.btn {  
  color: var(--white);  
  font-size: 1.1rem;  
  padding: 0.5rem 1rem;  
  border-radius: 0.3rem;  
  background-color: var(--blue);  
  border: none;  
  position: absolute;  
  right: 0.5rem;
```

```
    bottom: 0.5rem;
  }
/* Todo Container */

.todo {
  display: flex;
  flex-direction: column;
  justify-content: space-around;
  border-radius: 2rem;
  background: var(--white);
  padding: 3rem;
  height: 50%;
  width: 60%;
  box-shadow: 0 1rem 3rem 1rem rgba(0, 23, 71, 0.15);
  max-width: 30rem;
}

h2 {
  text-transform: uppercase;
  height: 3rem;
  color: var(--dark);
  text-align: center;
}

.input-field {
  width: 100%;
  border: 0.06rem solid #d2d2d2bf;
  border-radius: 0.5rem;
  padding: 1.25rem;
  font-size: 1rem;
}

input[type="text"]::placeholder {
  color: var(--grey);
}

.todo-container {
  display: flex;
```

```
    gap: 1rem;
  }
  li {
    display: flex;
    flex-direction: column;
    gap: 1.2rem;
    padding: 1.3rem;
  }
```

```
#todoList p {
  display: flex;
  gap: 1rem;
  color: var(--dark);
  align-items: center;
}
.disabled {
  display: flex;
  text-decoration: line-through;
}
```

```
input[type="checkbox"] {
  appearance: none;
  -webkit-appearance: none;
  -moz-appearance: none;
  cursor: pointer;
}
```

```
input[type="checkbox"]::before {
  content: "\2713";
  display: inline-block;
  width: 2rem;
  height: 2rem;
  font-size: 1.7rem;
  text-align: center;
  border: 0.06rem solid var(--grey-border);
  border-radius: 50%;
  color: transparent;
```

```
}  
.counter {  
  border: 0.06rem solid var(--grey-light);  
}
```

```
.counter-container {  
  height: 2rem;  
  display: flex;  
  justify-content: space-between;  
  color: var(--grey);  
}
```

```
.counter-container p {  
  align-self: center;  
}
```

```
.scroll::-webkit-scrollbar {  
  width: 0.6rem;  
}
```

```
.scroll::-webkit-scrollbar-thumb {  
  background-color: var(--blue);  
  border-radius: 0.5rem;  
}
```

```
.scroll::-webkit-scrollbar-track {  
  display: none;  
}
```

JAVASCRIPT:

```
let todo = JSON.parse(localStorage.getItem("todo")) || [];  
const todoInput = document.getElementById("todoInput");  
const todoList = document.getElementById("todoList");  
const todoCount = document.getElementById("todoCount");  
const completeCount = document.getElementById("completeCount");  
const incompleteCount = document.getElementById("incompleteCount");  
const addButton = document.querySelector(".btn");
```

```

const deleteButton = document.getElementById("deleteButton");

document.addEventListener("DOMContentLoaded", function () {
  addButton.addEventListener("click", addTask);
  todoInput.addEventListener("keydown", function (event) {
    if (event.key === "Enter") {
      event.preventDefault();
      addTask();
    }
  });
  deleteButton.addEventListener("click", deleteAllTasks);
  displayTasks();
});

function addTask() {
  const newTask = todoInput.value.trim();
  if (newTask !== "") {
    todo.push({ text: newTask, disabled: false });
    saveToLocalStorage();
    todoInput.value = "";
    displayTasks();
  }
}

function displayTasks() {
  todoList.innerHTML = "";
  let completeItems = 0;
  let incompleteItems = 0;

  todo.forEach((item, index) => {
    const p = document.createElement("p");
    p.innerHTML = `
      <div class="todo-container">
        <input type="checkbox" class="todo-checkbox" id="input-${index}" ${
          item.disabled ? "checked" : ""
        }>
      </div>
      <p id="todo-${index}" class="${

```

```

    item.disabled ? "disabled" : ""
  }" onclick="editTask(${index})">${item.text}</p>
</div>
`;
p.querySelector(".todo-checkbox").addEventListener("change", () =>
  toggleTask(index)
);
todoList.appendChild(p);

// Count items based on their status
if (item.disabled) {
  completeItems++;
} else {
  incompleteItems++;
}
});

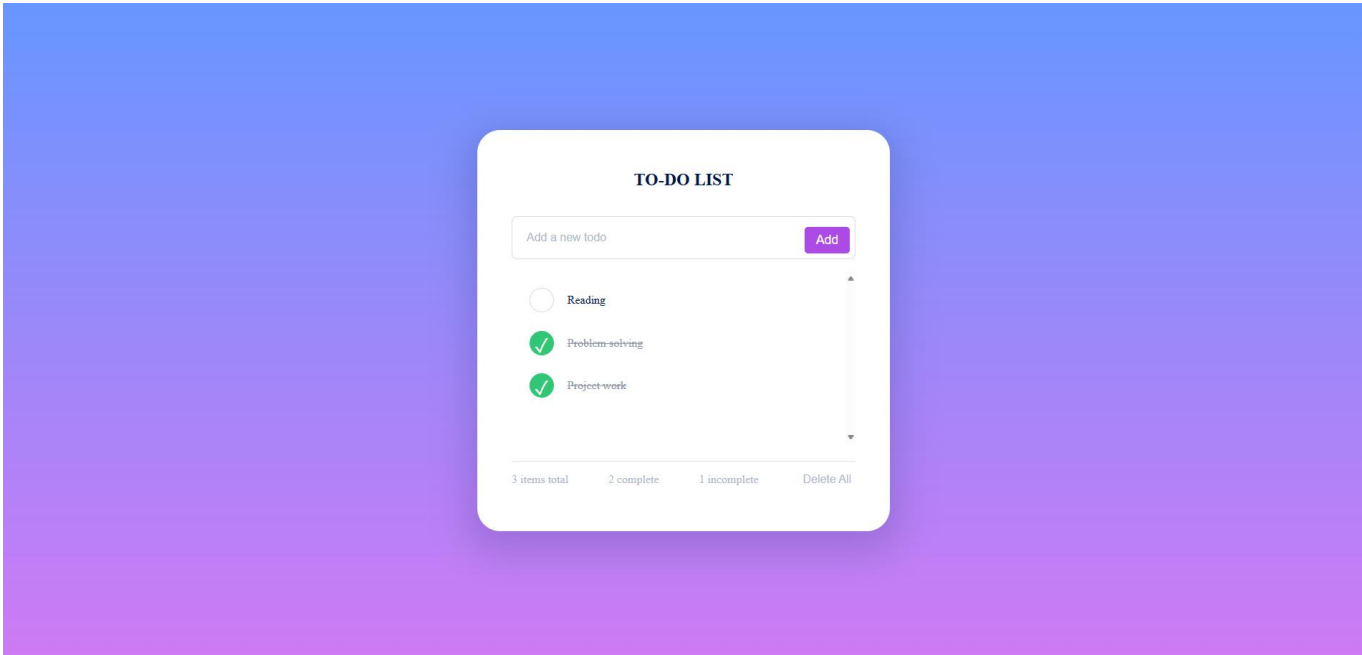
// Update counts
todoCount.textContent = todo.length;
completeCount.textContent = completeItems;
incompleteCount.textContent = incompleteItems;
}
function toggleTask(index) {
  todo[index].disabled = !todo[index].disabled;
  saveToLocalStorage();
  displayTasks();
}

function deleteAllTasks() {
  todo = [];
  saveToLocalStorage();
  displayTasks();
}

function saveToLocalStorage() {
  localStorage.setItem("todo", JSON.stringify(todo));
}

```

OUTPUT:



Department of IT		
Performance	30	
Observation	30	
Record	40	
Total	100	

RESULT: