JSS-Code-Portal/

JSS Code – Data Structures Portal

Created by: Jahnavi

Purpose: A student-friendly coding companion for Data Structures using C

├── index.html

├── programs.html

├── viva.html

├── linkedlist.html

├── css/

| └── style.css

├── files/

| ├── stack_array.c

| ├── reverse_array.c

| ├── queue_array.c

| ├── linear_search.c

| ├── bubble_sort.c

| ├── postfix_eval.c

| ├── binary_search.c

| ├── selection_sort.c

| ├── sll_ops.c

| ├── stack_ll.c

| ├── queue_ll.c

| ├── reverse_ll.c

| ├── bst_ops.c

| ├── poly_add.c

```
|   ├── cll_ops.c

|   ├── dll_ops.c

|   ├── cq_ll.c

|   ├── infix_postfix.c

|   └── deque_ll.c

├── README.md
```

```html
<div class="program-card">

 <h3>⬜ Stack Using Arrays</h3>

 <p>This program implements stack operations using an array.</p>

 <a href="files/stack_array.c" download>

  <button>⬜ Download</button>

 </a>

</div>
```

```css
.program-card {

 background: #fff;

 border-radius: 8px;

 padding: 15px;

 margin-bottom: 20px;

 border: 1px solid #ccc;

 box-shadow: 0 2px 5px rgba(0,0,0,0.1);

}


.program-card h3 {

 color: #005fa3;

}
```

```
button {

  background-color: #0077cc;

  color: white;

  padding: 8px 16px;

  border: none;

  border-radius: 4px;

  cursor: pointer;

}
```

JSS Code – Data Structures Portal

Welcome to JSS Code, a student-focused portal curated by Jahnavi to simplify and celebrate learning data structures using C. ▯▯

▯ Project Structure

▯ Features

- ▯20+ downloadable C programs

- ▯Visual diagrams & linked list views

- ▯Viva Q&A flashcards

- ▯Clean, responsive design with CSS styling

▯ Get Started

Visit the homepage at

https://your-username.github.io/jss-code-portal

Or download the entire project as a ZIP to explore offline.

For suggestions or collaboration:

jsscode@engineer.com

```html
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8" />
 <meta name="viewport" content="width=device-width, initial-scale=1.0" />
 <title>JSS Code – Data Structures Portal</title>
 <link rel="stylesheet" href="css/style.css" />
</head>
<body>
 <header>
   <h1>⬛ JSS Code – Data Structures Portal</h1>
   <p>Created by <strong>Jahnavi</strong></p>
 </header>

 <nav>
  <ul>
    <li><a href="programs.html">⬛ C Programs</a></li>
    <li><a href="linkedlist.html">⬛ Linked Lists</a></li>
```

```
    <li><a href="viva.html">⬚ Viva Flashcards</a></li>

    <li><a href="JSS-Code-Portal.docx">⬚ Download Docs</a></li>

  </ul>

</nav>


<main>

 <section>

  <h2>⬚ Welcome to JSS Code</h2>

  <p>This portal contains well-structured, lab-ready programs for Data Structures in C.</p>

  <p>Download, learn, and explore concepts visually and interactively.</p>

 </section>


 <section>

  <h2>⬚ Featured Topics</h2>

  <ul>

   <li>✅Arrays, Sorting, Searching</li>

   <li>✅Stacks & Queues (Array and Linked)</li>

   <li>✅Linked Lists, BST, Polynomial Ops</li>

   <li>✅Expression Evaluation (Postfix, Infix)</li>

  </ul>

 </section>

</main>


<footer>

 <p>Made with ⬚ by Jahnavi</p>
```

```
    <p><em>"Code is imagination given structure."</em></p>

   </footer>

 </body>

 </html>


---


> "Code isn't just logic — it's imagination given structure." – JSS Code by Jahnavi

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

  <title>JSS Code – C Programs</title>

  <link rel="stylesheet" href="css/style.css" />

</head>

<body>

 <header>

   <h1>▯ C Program Library</h1>

   <p>Explore all lab-based data structure programs below:</p>

 </header>


 <section class="program-section">

   <h2>▯ Arrays & Searching</h2>


   <div class="program-card">
```

```html
    <h3>Stack Using Arrays</h3>

    <p>Implements stack operations using a static array.</p>

    <a href="files/stack_array.c" download><button>⬇ Download</button></a>

  </div>


  <div class="program-card">

    <h3>Reverse an Array</h3>

    <p>Prints original and reversed array values.</p>

    <a href="files/reverse_array.c" download><button>⬇ Download</button></a>

  </div>


  <!-- Continue with other programs... -->

 </section>


 <footer>

  <p>Built by Jahnavi • JSS Code ©</p>

 </footer>

</body>

</html>
```

```css
body {

 font-family: 'Segoe UI', sans-serif;

 background: #f4f7fb;

 color: #333;

 margin: 0;

 padding: 20px;
```

```css
    }

    header, footer {

      text-align: center;

      background-color: #0077cc;

      color: white;

      padding: 15px 0;

      border-radius: 8px;

    }


    .program-section {

      margin-top: 30px;

    }


    .program-section h2 {

      color: #005fa3;

      font-size: 22px;

    }


    .program-card {

      background: #ffffff;

      border: 1px solid #ccc;

      border-radius: 10px;

      padding: 16px;

      margin: 15px 0;
```

```css
    box-shadow: 0 2px 6px rgba(0,0,0,0.08);

}


.program-card h3 {

  margin: 0;

  color: #0077cc;

}


.program-card p {

  margin: 8px 0;

  color: #444;

}


button {

  background-color: #005fa3;

  color: white;

  padding: 10px 14px;

  border: none;

  border-radius: 4px;

  cursor: pointer;

}


button:hover {

  background-color: #003f7f;

}
```

```css
body {

  font-family: 'Segoe UI', sans-serif;

  background: #f8f4ff; /* Soft lavender background */

  color: #2c1e4a; /* Deep violet text */

  margin: 0;

  padding: 20px;

}


header, footer {

  background-color: #6a0dad; /* Royal Purple */

  color: white;

  text-align: center;

  padding: 15px 0;

  border-radius: 8px;

}


.program-section {

  margin-top: 30px;

}


.program-section h2 {

  color: #6a0dad;

  font-size: 22px;

}
```

```css
.program-card {

  background: #ffffff;

  border: 1px solid #d3bfff;

  border-radius: 10px;

  padding: 16px;

  margin: 15px 0;

  box-shadow: 0 2px 6px rgba(106, 13, 173, 0.15);

}


.program-card h3 {

  margin: 0;

  color: #6a0dad;

}


.program-card p {

  margin: 8px 0;

  color: #444;

}


button {

  background-color: #00bfa6; /* Teal */

  color: white;

  padding: 10px 14px;

  border: none;

  border-radius: 4px;
```

```css
  font-weight: bold;

  cursor: pointer;

}


button:hover {

  background-color: #008f7a;

}
```

```html
<header>

  <h1 style="color:#6a0dad;">⬛ JSS Code – Data Structures Portal</h1>

  <p style="color:#2c1e4a;">Created by <strong>Jahnavi</strong></p>

</header>
<div class="viva-card">

  <h3>⬛ What is a Stack?</h3>

  <p>A stack is a linear data structure based on LIFO — Last In, First Out.</p>

</div>
```

```css
.viva-card {

  background-color: #ffffff;

  border: 1px solid #d3bfff;

  padding: 16px;

  border-radius: 8px;

  margin-bottom: 20px;

  box-shadow: 0 2px 6px rgba(106, 13, 173, 0.1);

  color: #2c1e4a;

}
.viva-card h3 {
```

```css
  color: #6a0dad;

}
```

```html
<nav>

  <a href="index.html">⬜ Home</a>

  <a href="programs.html">⬜ Programs</a>

  <a href="linkedlist.html">⬜ Linked Lists</a>

  <a href="viva.html">⬜ Viva</a>

</nav>
```

```css
nav {

  background-color: #6a0dad;

  padding: 10px;

  text-align: center;

  border-radius: 8px;

}

nav a {

  color: white;

  margin: 0 15px;

  text-decoration: none;

  font-weight: bold;

}

nav a:hover {

  color: #00bfa6;

}
```

```html
<section class="program-preview">

  <h2>⬜ Featured Programs</h2>
```

```html
  <div class="program-card">

   <h3>⬚ Stack Using Arrays</h3>

   <p>Implements push, pop, and display operations with a static array.</p>

   <a href="files/stack_array.c" download>

    <button>⬚ Download C File</button>

   </a>

   <a href="docs/stack_array-explained.pdf" target="_blank">

    <button class="preview-btn">⬚ View Explanation</button>

   </a>

  </div>


  <div class="program-card">

   <h3>⬚ Binary Search</h3>

   <p>Efficiently locates elements in sorted arrays using divide-and-conquer.</p>

   <a href="files/binary_search.c" download>

    <button>⬚ Download C File</button>

   </a>

   <a href="docs/binary_search-guide.docx" target="_blank">

    <button class="preview-btn">⬚ Preview Document</button>

   </a>

  </div>

 </section>

.program-preview {

 margin-top: 40px;
```

```css
}

.program-card {

  background-color: #ffffff;

  border: 1px solid #d3bfff;

  border-radius: 10px;

  padding: 16px;

  margin-bottom: 24px;

  box-shadow: 0 2px 6px rgba(106, 13, 173, 0.1);

}


.program-card h3 {

  color: #6a0dad;

  margin-bottom: 8px;

}


.program-card p {

  color: #333;

  margin-bottom: 12px;

}


button {

  background-color: #00bfa6;

  color: white;

  font-weight: bold;
```

```css
  padding: 8px 14px;

  border: none;

  border-radius: 5px;

  cursor: pointer;

  margin-right: 10px;

}


button:hover {

  background-color: #008f7a;

}


.preview-btn {

  background-color: #6a0dad;

}


.preview-btn:hover {

  background-color: #4e0889;

}
```