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

<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>

.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](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\*\*](mailto:**jsscode@engineer.com**)

<!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">

<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>

body {

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

background: #f4f7fb;

color: #333;

margin: 0;

padding: 20px;

}

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;

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;

}

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;

}

.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;

font-weight: bold;

cursor: pointer;

}

button:hover {

background-color: #008f7a;

}

<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>

.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 {

color: #6a0dad;

}

<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>

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;

}

<section class="program-preview">

<h2>💾 Featured Programs</h2>

<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;

}

.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;

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;

}