

Lab/Project Assignment Report

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Only for course Teacher** | | | | | | |
|  | | **Needs Improvement** | **Developing** | **Sufficient** | **Above Average** | **Total Mark** |
| **Allocate mark & Percentage** | | **25%** | **50%** | **75%** | **100%** | **5** |
| **Content Quality** | **2** |  |  |  |  |  |
| **Clarity** | **1** |  |  |  |  |  |
| **Spelling & Grammar** | **1** |  |  |  |  |  |
| **Organization and Formatting** | **1** |  |  |  |  |  |
| **Total obtained mark** | | | | | |  |
| **Comments** |  | | | | | |

**Semester: Spring 2023**

**Student Name: Md. Mubtasim Fuad Khan**

**Student ID:221-35-883**

**Batch: 37 Section: B**

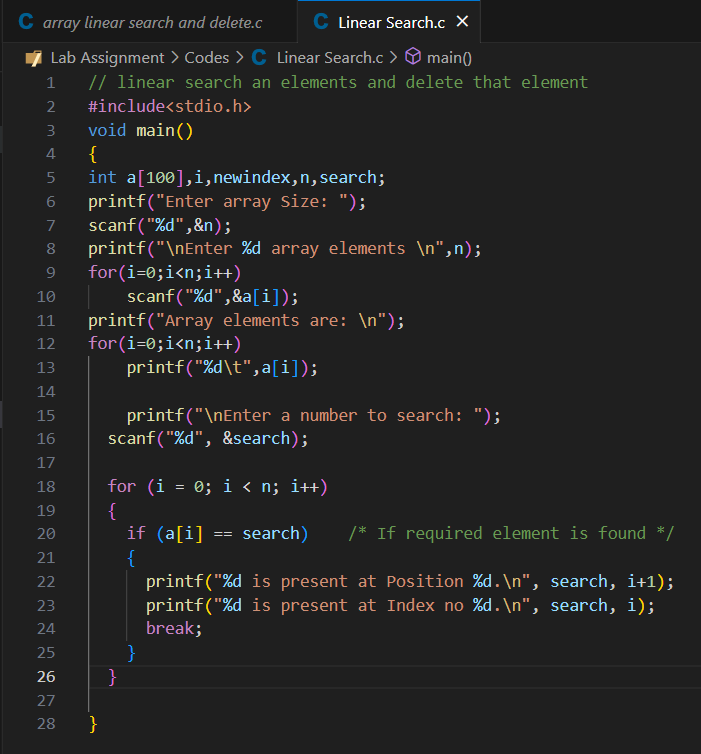
**Course Code: SE214 Course Name: Algorithm Design and Analysis**

**Course Teacher Name: Aditi Dhali**

**Designation: Lecturer, Department of Software Engineering**

**Submission Date: 06/06/2023**

**Problem 01: Linear Search**

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**Output:**

**A screenshot of a computer

Description automatically generated with medium confidence**

**Problem 02: Binary search**

**A screen shot of a computer program

Description automatically generated with medium confidence**

**Output:**

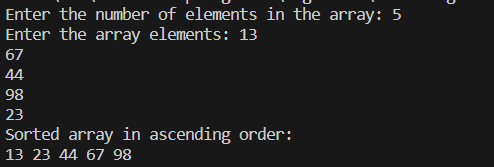
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**Problem 03: Insertion Sort**

**A screen shot of a computer program

Description automatically generated with medium confidence**

**Output:**

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**Problem 04: Selection Sort**

**A picture containing text, screenshot, software, multimedia software

Description automatically generated**

**Output:**

**A screen shot of a computer

Description automatically generated with medium confidence**

**Problem 05: Merge Sort**

**A screenshot of a computer program

Description automatically generated with medium confidence**

**A screenshot of a computer program

Description automatically generated with medium confidence**

**A picture containing text, screenshot

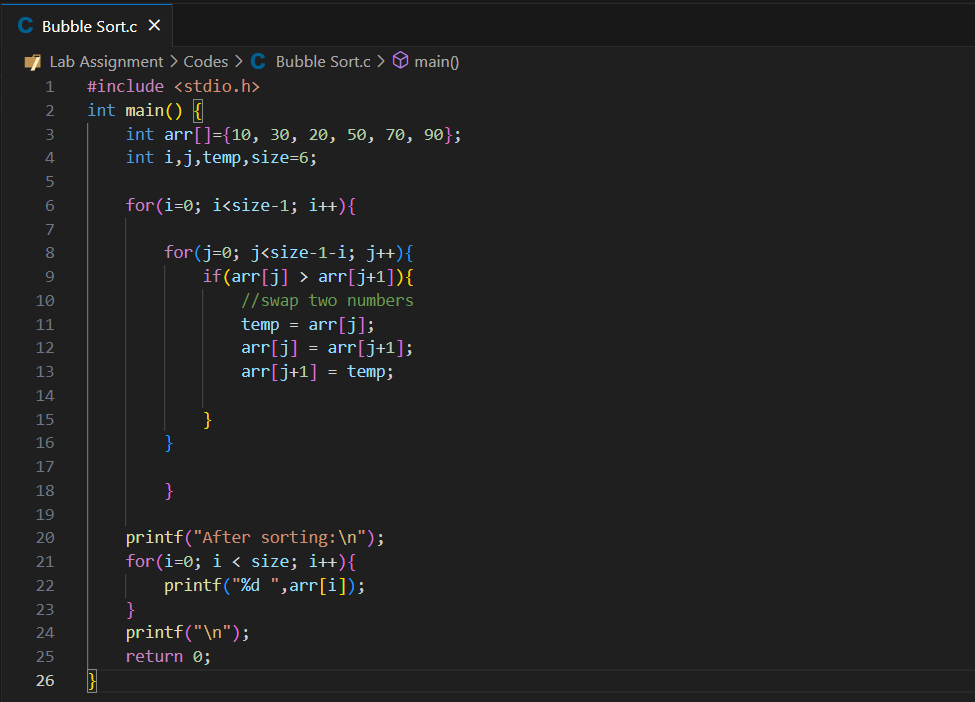
Description automatically generated**

**Output:**

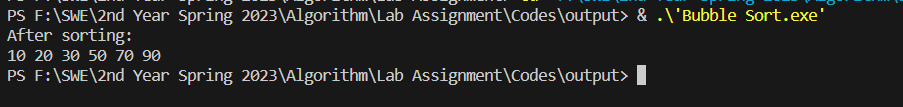
**A black screen with white text

Description automatically generated with low confidence**

**Problem 06: Bubble Sort**

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**Output:**

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**Problem 07: Quick Sort**

**A screen shot of a computer program

Description automatically generated with medium confidence**

**A screen shot of a computer code

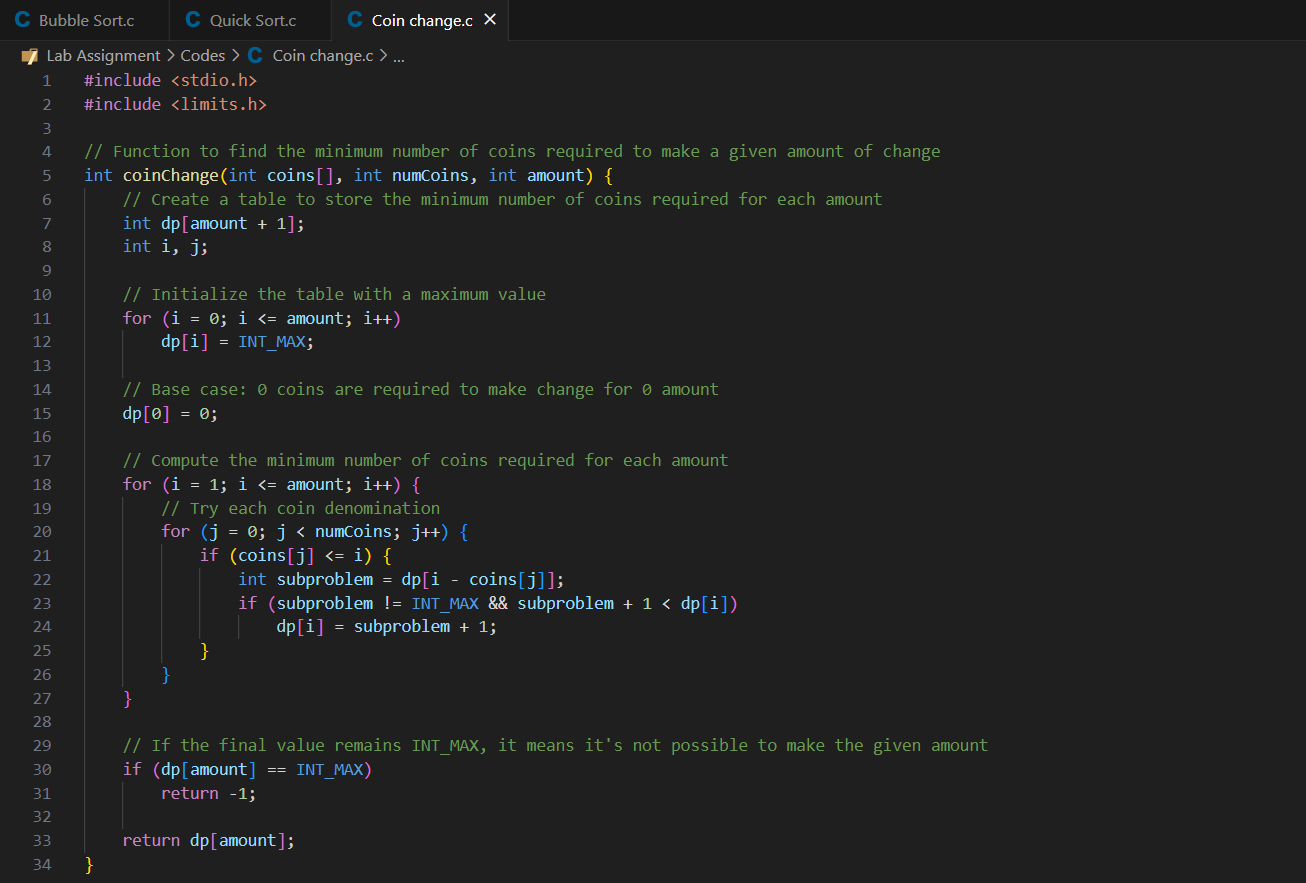
Description automatically generated with low confidence**

**Output:**

**A black screen with white text

Description automatically generated with low confidence**

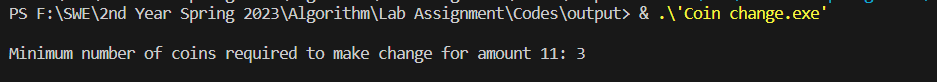
**Problem 08: Coin change**

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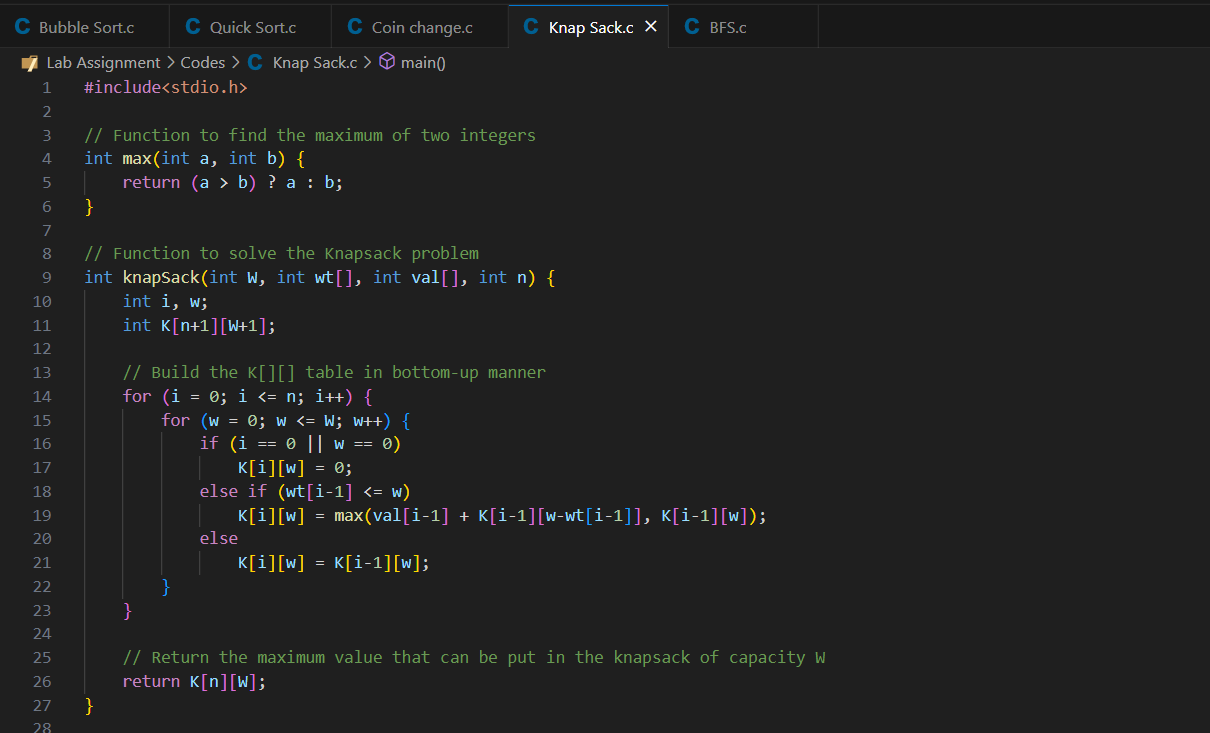
**A screen shot of a computer code

Description automatically generated with low confidence**

**Output:**

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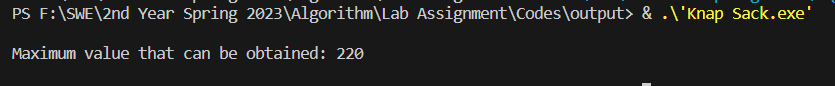
**Problem 09: Knap Sack**

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**A picture containing text, screenshot, software, multimedia software

Description automatically generated**

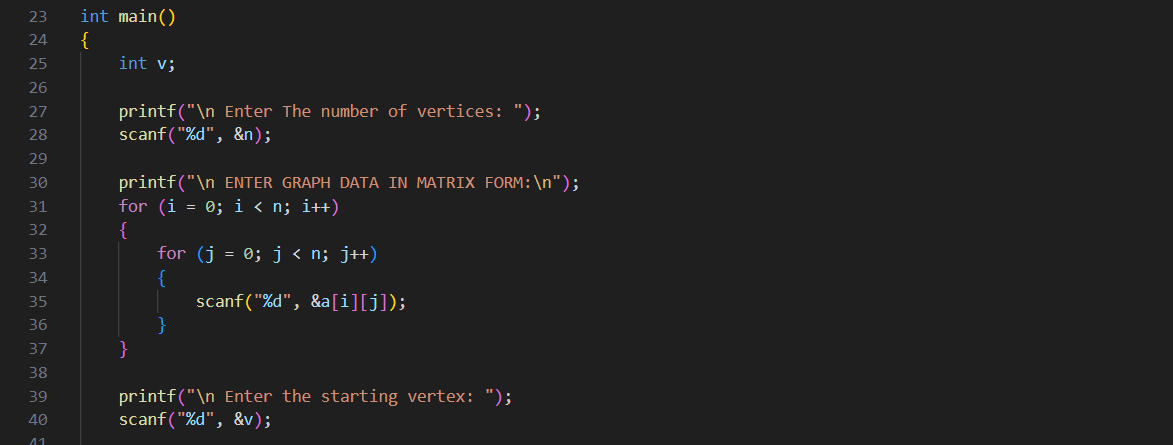
**Output:**

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**Problem 10: BFS**

**A screenshot of a computer program

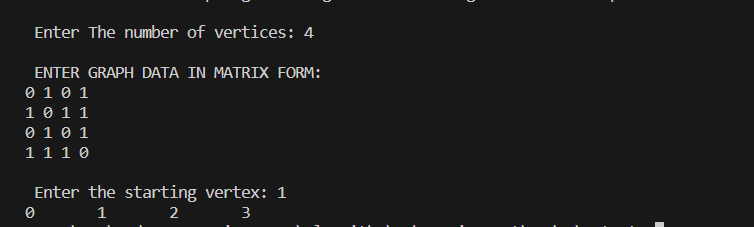
Description automatically generated with medium confidence**

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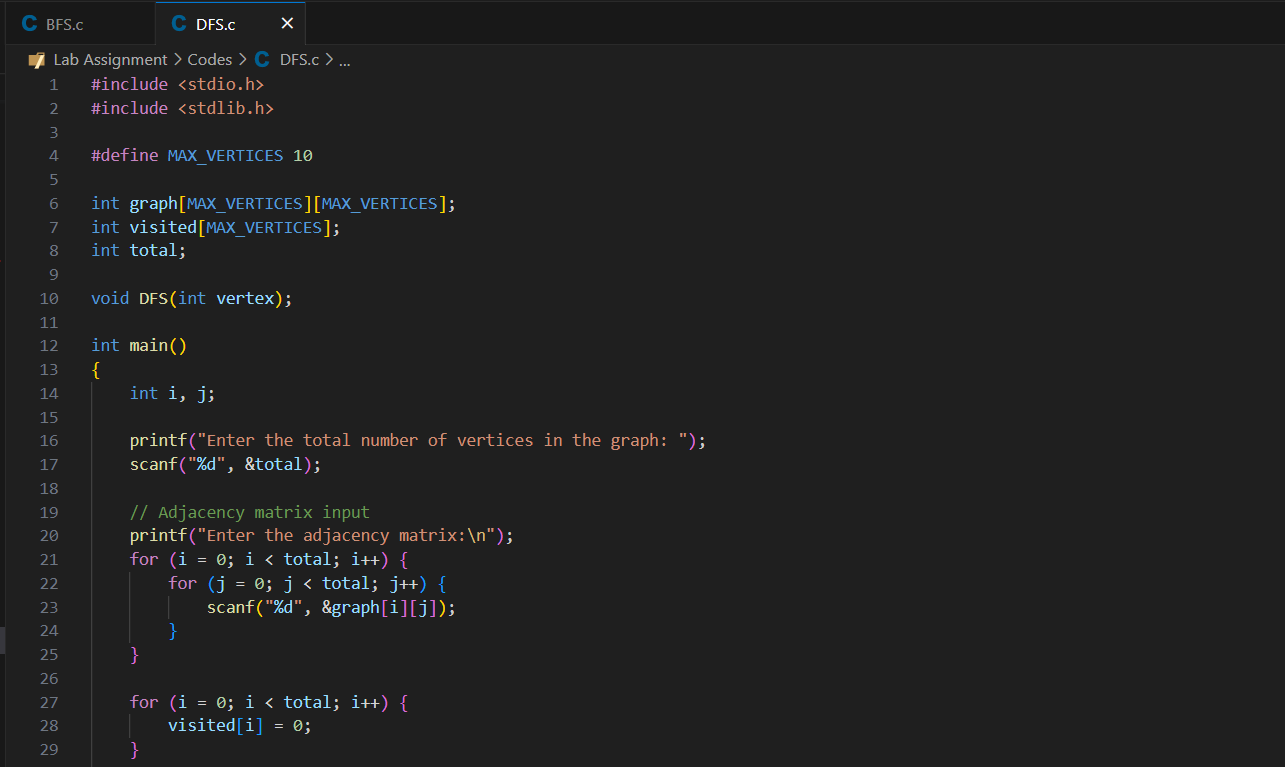
**A picture containing text, screenshot, multimedia software, graphics software

Description automatically generated**

**Output:**

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**Problem 11: DFS**

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**A picture containing text, screenshot, multimedia software, software

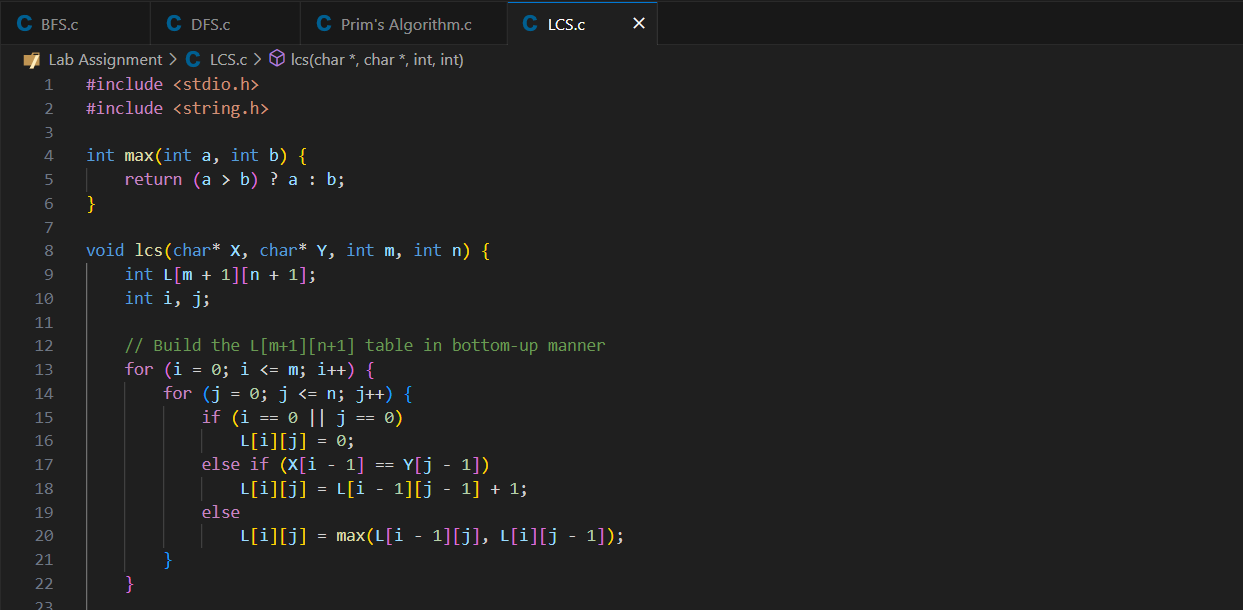
Description automatically generated**

**Output:**

**A black screen with white text

Description automatically generated with low confidence**

**Problem 12: LCS**

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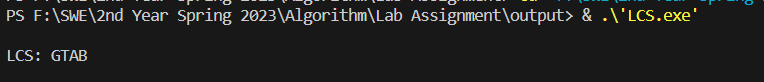
**A screenshot of a computer program

Description automatically generated with low confidence**

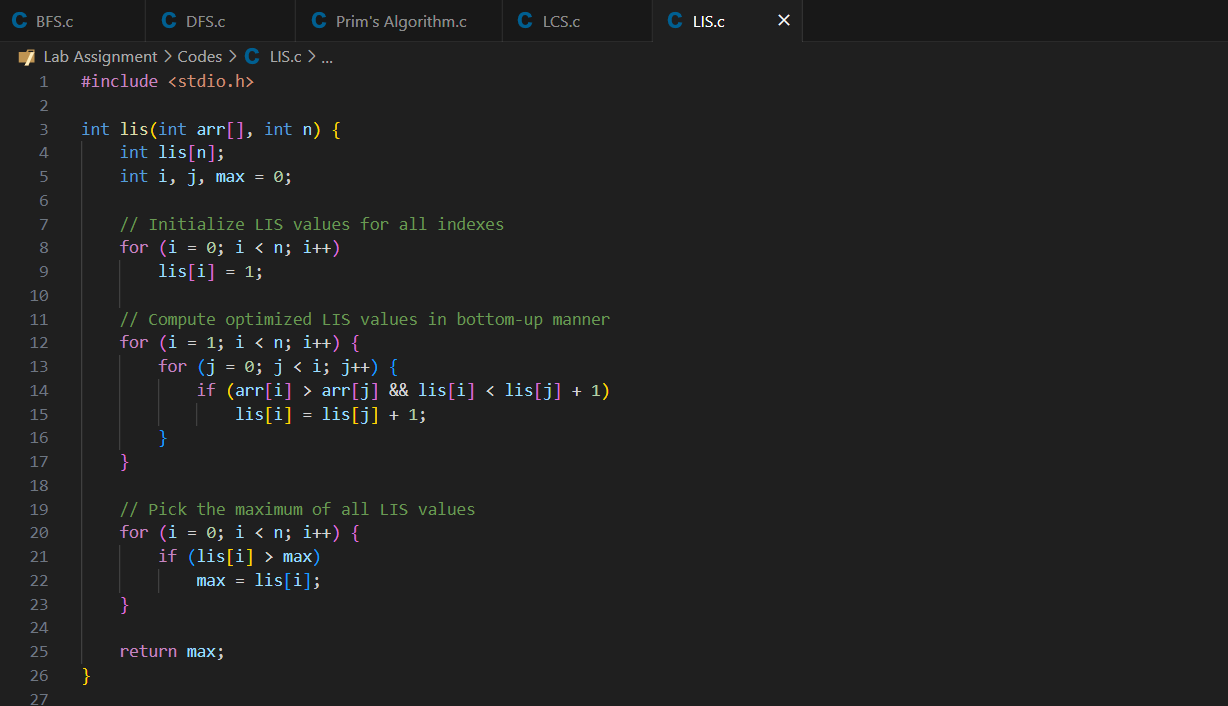
**A picture containing screenshot, text, multimedia software

Description automatically generated**

**Output:**

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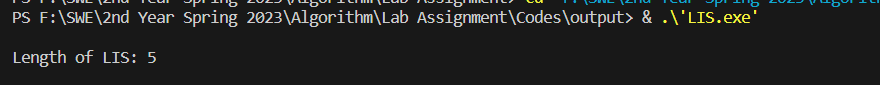
**Problem 13: LIS**

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**A picture containing text, multimedia software, software, screenshot

Description automatically generated**

**Output:**

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