



Problem Solving With C - UE24CS151B

Searching on File Contents

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PROBLEM SOLVING WITH C

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Data File Description

- Data file to be used: **numbers.txt**
- Contains a collection of integers in an **ascending order**.
- All integers are separated by white space in between.

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Problem Statement

- Create a program to perform Binary Search on the collection of integers stored in the file. Use numbers.txt to extract the dataset. Ask the user to enter the key integer to be searched in the file. Display appropriate message to the user.

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Requirements to solve the problem

- Create an array of integers of very big size.
- Reading the text file integer by integer for n integers.
- Store these integers in the array created initially.
- Compare the integer in the array with the key element entered by the user using the Binary Search Algorithm.
- Display appropriate message.

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Demo of C Solution

- Demonstration of C Code

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Try It!!

- Use some csv file containing many fields and apply callback function based on the field to be searched.



THANK YOU

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