



ALGORITHM ANALYSIS DESIGN PROJECT REPORT

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Group D

Algorithm Analysis Design - PROJECT REPORT :

INTRODUCTION :

- My idea for this project is to make an interactive website for algorithm paradigms
- This website has been created using HTML, external CSS and internal Javascript
- In addition to this, bootstrap and sweetalert libraries have also been used ...

PHASE-WISE WORK DIVISION :

- Phase 1 - (Completed : Oct 20th)
 - Rephrasing the theory of the algorithm design techniques into simple steps (or sub tasks)
 - I have chosen divide and conquer, greedy and dynamic programming approaches
 - Phase 2 - (Completed : Oct 22nd)
 - Selecting / refining the examples for each paradigm
 - Currently I have the following examples for each paradigm :
 - Divide and conquer : Merge sort
 - Greedy strategy : Selection sort
 - Dynamic Programming : Nth Fibonacci number using DP, Insertion sort
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- Phase 3 - (Completed : Nov 1st)
 - Design the menu-driven to make the website interactive
 - Phase 4 - (Completed : Nov 25th)
 - Write programs to automatically execute the stepwise tasks of the chosen examples
 - Phase 5 - (Completed : Dec 1st)
 - Write the report

USAGE GUIDELINES :

- Clone / download the repository in your local machine. Please do not alter the file structure. (P.S :) You can ditch README.md and Report/)
- Tested all the HTML, CSS and JS files in Brave browser. Disclaimer : May not work in other browsers
- Open home.html (after which you will be able to navigate to and from this webpage to others)

HOPE YOU GUYS BENEFIT FROM MY WEBSITE !!!

Here is a [link](#) to my github repository

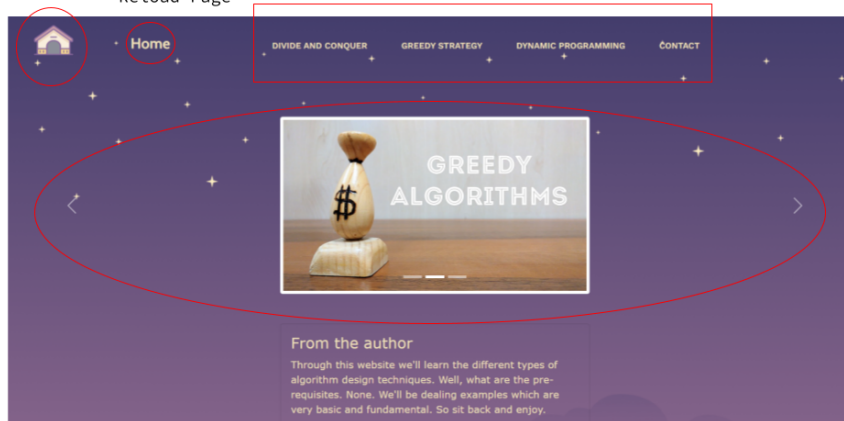
In the next page I have mentioned about my website and how to navigate through it ...

How to navigate through my website :

To go to the top of the page

Reload Page

Integrated Navbar to view other pages



Wallpaper Carousel to view the content of the following pages



INTEGRATED TERMINAL CONTROLS :

