



Abstract

Computer Assisted Instructions on Data Structures and Algorithm Analysis was created to serve as a supplement for the computer science students of De La Salle University-Dasmariñas who are taking up the subject Data Structures and Algorithm Analysis. It would include topics about Fundamental Elements of Programming, Data Structures and Algorithm, Recursion, Arrays and Records, Lists and Pointers, Stacks, Queues, Trees, Searching, Sorting, and Analysis of Algorithms, and Graphs. The software will serve as a tutorial for the students regarding the subject matter. The software is a two-way interaction for both user and computer. Illustrations and pictures are also incorporated in the lessons for better understanding of the topic.