

Web Technology Project

# The Brain Tree

Homework made easy

View on Github : [Github](#)

Members :

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## About the project

The website aims to help students with their homework by providing them with easy and free solutions.

Project still in progress.

## Features

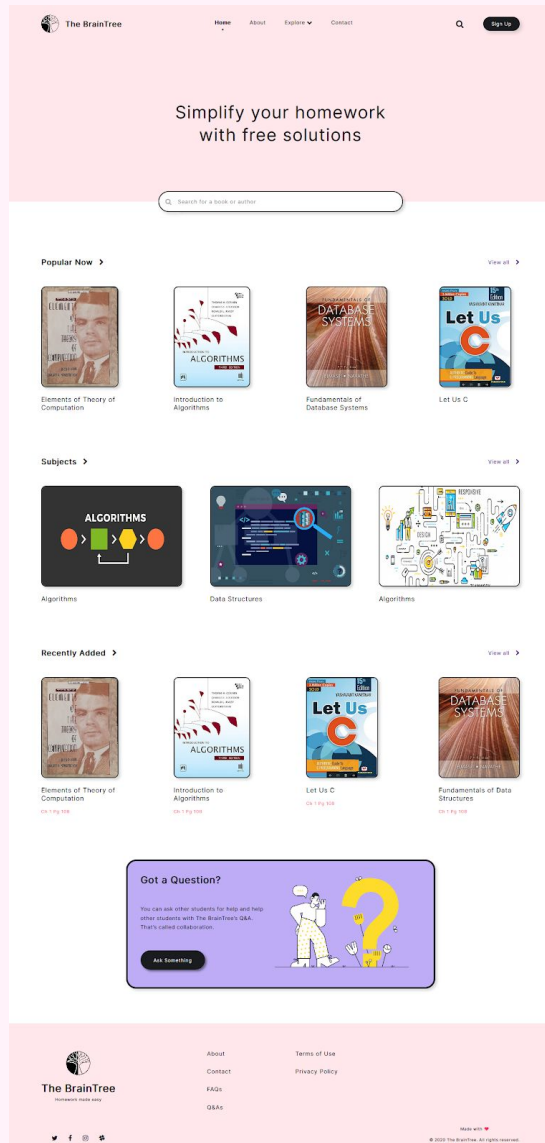
- Easy and free solutions
- Easy to use platform
- Verified answers
- Upload your own answer
- Ask questions on the forum
- Bookmark answers
- Create account
- View hundreds of books
- Search by author or book name

# Inside the code

Front-end : HTML, CSS, Javascript

Back-end : JSP, Java Servlets

## Home page

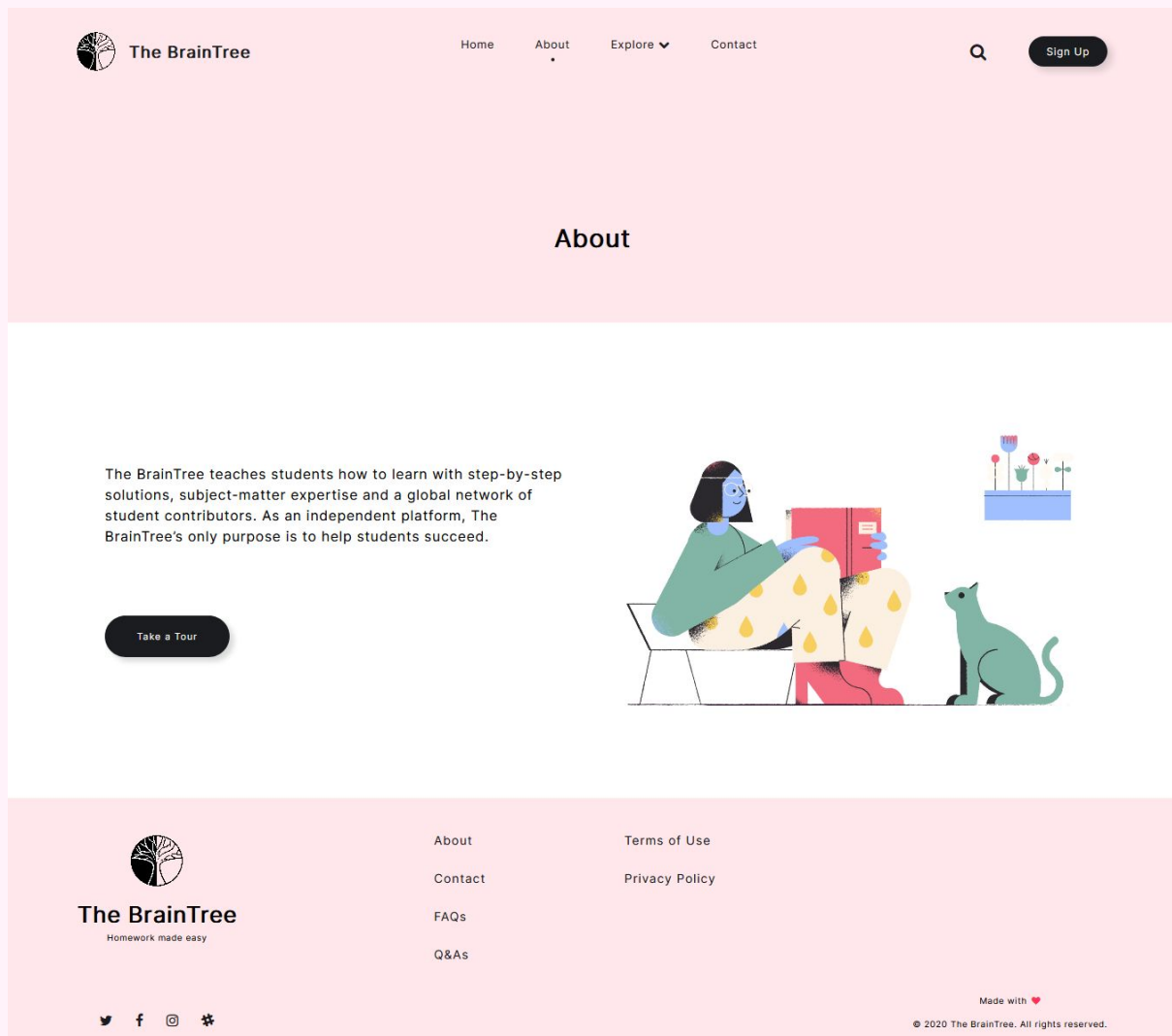


Page layout made using **Flex** and **flex properties**.

- View books
- View subjects
- View recently added solutions
- Search for books
- Explore books and subjects from main navigation
- Create account using signup button
- Go to Q&A forum and ask questions


Overall , user-friendly interface for good user experience

## About page



Student can take a tour of the website for ease of use

## Contact page

The BrainTree

HomeAboutExplore▼Contact




QSign Up

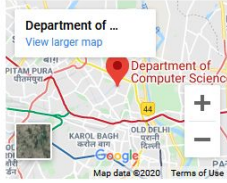
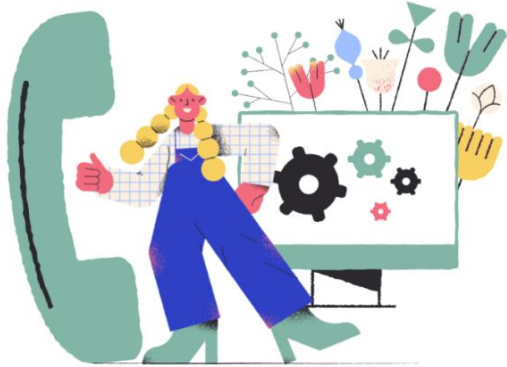
### Get in touch

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Your message here...

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Students can reach us on social media as well as leave any queries with their email and message and can also locate us.

## Sign up page

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Explore categories



## User Account



Welcome, Harry

### Recently Viewed >



Elements of Theory  
of computation

Ch 1, Pg 108



Introduction to  
Algorithms

Ch 1, Pg 108



Let Us C

Ch 1, Pg 108



Fundamentals of  
Data Structures

Ch 1, Pg 108

### Saved Books >



Fundamentals of  
Database Systems

Ch 1, Pg 25

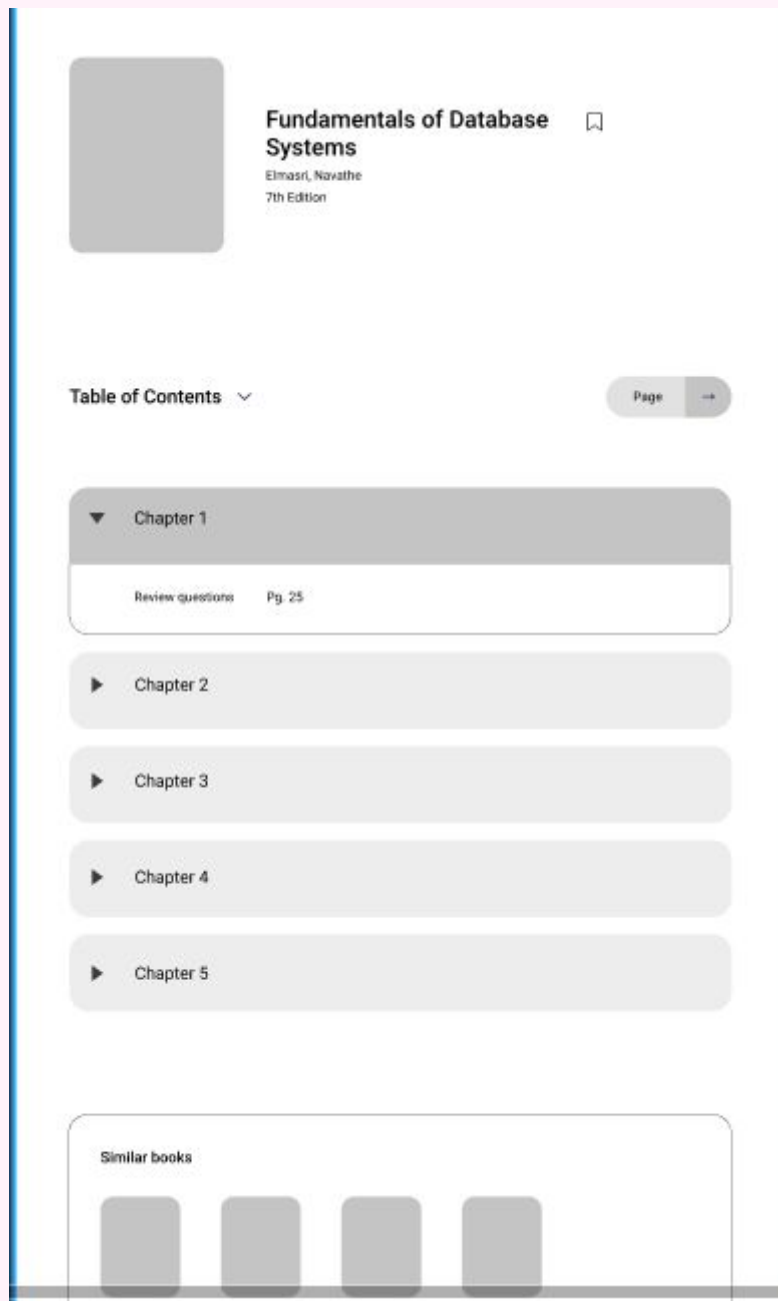


Introduction to  
Algorithms

Ch 1, Pg 108

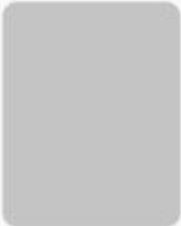


## Book view



We can view any book and review its exercise questions.

## Review book questions



### Fundamentals of Database Systems

Elmasri, Navathe  
7th Edition






Table of Contents 

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[See Answer](#)

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[See Answer](#)

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[See Answer](#)

Review all the exercise questions of a textbook.

## Solution



### Fundamentals of Database Systems



Elmasri, Navathe  
7th Edition

Chapter 1 ▾

8 ▾

108 →

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 Harry P 

The difference between **specialization** and **generalization** is that specialization is the process of defining and modeling a set of subclasses of an entity type while generalization is the process of creating a single superclass for several entity types based on their common features.

In **specialization**, new entities inherit attributes and relationships from a superclass, but may also have their own specific attributes and relationships.

In **generalization**, new entity is created too, however it is a single entity and it has attributes and relationships that are common among several entities. We can think of generalization as a reverse process of specialization.

For a specialization example, entity BOOK can be specialized into subclasses of different genres: NOVEL with additional attribute Type\_of\_novel, HORROR with additional attribute Appropriate\_age and TEXTBOOK with additional attributes Course and Grade.

For a generalization example, we can think of reverse situation. When the differences of NOVEL, HORROR and TEXTBOOK entities are generalized, we come up with a entity BOOK which consists of common attributes of NOVEL, HORROR and TEXTBOOK such as Author\_name, Price, Pages etc. In that case, every entity of entity type NOVEL, HORROR and TEXTBOOK is also an entity of entity type BOOK.

← Prev

Upload Your Solution

Next →

See answers to questions from any textbook.

## Q&A

### Ask a question

Select a subject ▼

Write your question here

*I* **B**

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Maths [See Answer](#)

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Ask questions from other students and answer other's questions as well.