

Online Calculator Course

WELCOME TO THE COURSE



Costa Ellinas

INTRODUCTION

Welcome to this course on building a hexadecimal calculator using Test-Driven Development. This course will guide you through designing, implementing, and deploying a calculator that performs basic arithmetic operations on hexadecimal numbers. By the end, you'll have a fully functional web-based hexadecimal calculator and a solid understanding of key development practices.

COURSE OVERVIEW

1. Functional Requirements and Repository Setup

Define the calculator's features and set up a GitHub repository with proper branching and GitHub Actions

2. Writing Tests & Drafting Code

Implement the Test-Driven Development approach by writing initial tests and developing functions to meet the requirements

3. Testing the GUI

Design and test a user-friendly interface, ensuring all calculator buttons function correctly and integrate with the backend logic

4. Porting to Containers & Cloud Services

Containerize the application using Docker and prepare it for deployment on a cloud platform like AWS

Online Calculator Course

LET'S GET STARTED



Costa Ellinas