SHAPE AREA CALCULATOR APPLICATION

Calculate Areas of Various Shapes Easily

TECH TITANS

SHAPE AREA CALCULATOR FEATURES

Explore our Java GUI app for calculating area

CALCULATE AREAS FOR SHAPES

Easily compute **areas** for a **Circle**, **Rectangle**, and **Triangle** with straightforward inputs.

CALCULATION HISTORY FEATURE

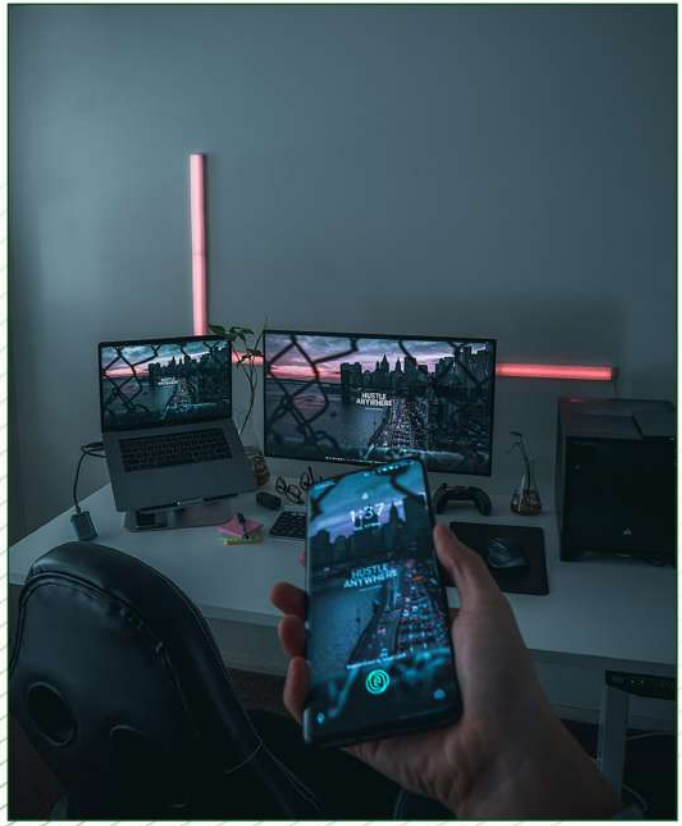
Keep track of all your previous **calculations** with a handy **history** feature that displays past results.

DARK/LIGHT MODE TOGGLE

Switch between **Dark** and **Light** modes for a more comfortable user experience, adapting to your preferences.

PERSISTENT HISTORY STORAGE

Your **calculation history** is saved, ensuring you can revisit past results anytime without losing data.



TOGGLE BETWEEN DARK AND LIGHT MODE

See how our **Dark mode** enhances usability with before/after screenshots

SHAPE AREA CALCULATION FLOW

Steps to calculate area easily

EXPLORING OUR TECH STACK

Discover how we built the Shape Area Calculator using Java Swing and file I/O

JAVA SWING FRAMEWORK

We utilized **Java Swing** for creating the graphical user interface, allowing users to interact easily with the application.

FILE I/O FOR STORAGE

To ensure persistence, the app incorporates **file I/O** operations, enabling users to save and load their calculations.

USER-FRIENDLY INTERFACE

The application features a **user-friendly interface** that makes calculating areas straightforward and enjoyable.

DYNAMIC AREA CALCULATIONS

Users can dynamically calculate the area of various shapes through simple inputs, enhancing interactivity.

COLORFUL TECH BADGES

The tech stack presentation includes **colorful tech badges** that represent the tools and technologies used in development.

ENHANCING LEARNING WITH JAVA GUI

Explore how design and interactivity boost learning experiences

USER-FRIENDLY DESIGN BOOSTS LEARNING

An intuitive interface allows users to navigate easily, making the learning process smoother and more effective.

INTERACTIVE FEATURES ENGAGE USERS

Incorporating elements like buttons and animations captivates users' attention and fosters a hands-on approach to learning.

MULTIPLE THEMES FOR CUSTOMIZATION

Offering various themes allows users to personalize their experience, catering to individual preferences and enhancing engagement.

EXPLORE THE SHAPE AREA CALCULATOR

A fun and interactive way to calculate area of various shapes

1

DISCOVER THE SHAPE AREA CALCULATOR TOOL.

This tool helps users find the area of different shapes easily, making calculations straightforward and fun

2

LEARN ABOUT ITS KEY FEATURES AND BENEFITS.

The application offers various features, such as user-friendly interface and real-time calculations for enhanced usability.

3

UNDERSTAND HOW IT WORKS STEP-BY-STEP.

A simple walkthrough of the calculator's functionality, guiding users through shape selection to area calculation.

4

EXPLORE THE TECHNOLOGY STACK BEHIND IT.

An overview of the programming languages and frameworks utilized in building the application, ensuring robustness and efficiency.

5

TAKE AWAY THE KEY TAKEAWAYS FROM OUR PRESENTATION.

Summarizing the essential points from the session to reinforce learning and encourage further exploration of the tool.

ENGAGE WITH THE SHAPE AREA CALCULATOR