

Week6 Output Images

Exercise Questions

Q1: Develop a simple web page to perform basic arithmetic operations. Take two integer inputs from the user, select the operation to be performed using a dropdown. Include a button “Calculate” to perform the selected operation, and then display the result in the same web page.

The image contains two screenshots of a web-based calculator application. Both screenshots show a light blue header bar at the top of a white content area. The title "Basic Arithmetic Calculator" is centered in bold black font. Below the title are two input fields, each with a numeric value and a small up-down arrow for adjustment. The first input field contains "10" and the second contains "20". Below the inputs is a dropdown menu showing "Addition" with a small downward arrow indicating it's a selection menu. At the bottom is a large blue rectangular button with the word "Calculate" in white. In the bottom screenshot, below the button, the text "Result: 30" is displayed in bold black font, indicating the sum of the two input values.

Basic Arithmetic Calculator

10

20

Addition

Calculate

Basic Arithmetic Calculator

Enter First Integer

Enter Second Integer

Addition

Calculate

Result: 30

Basic Arithmetic Calculator

Enter First Integer

Enter Second Integer

Subtraction

Calculate

Result: -10

Basic Arithmetic Calculator

Enter First Integer

Enter Second Integer

Multiplication

Calculate

Result: 200

Basic Arithmetic Calculator

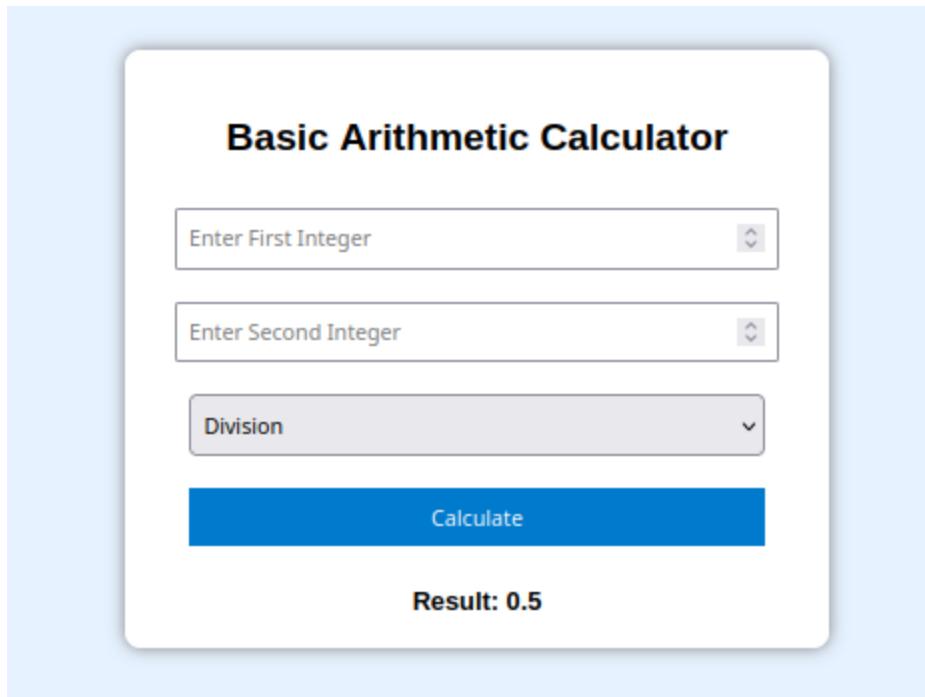
Enter First Integer

Enter Second Integer

Division

Calculate

Result: 0.5



Q2: Develop a simple web form that generates the front cover for a magazine. The form should provide the options for selecting the image, background color, changing font size, color etc. Input messages must be taken from the user so as to display it on the front cover with legible font family and font size. The front cover developed should be proportionate to the web page size. Place the css files inside static folder.

Magazine Cover Generator

Nature Journal

Love Nature

"Adapt, Improvise, Overcome"

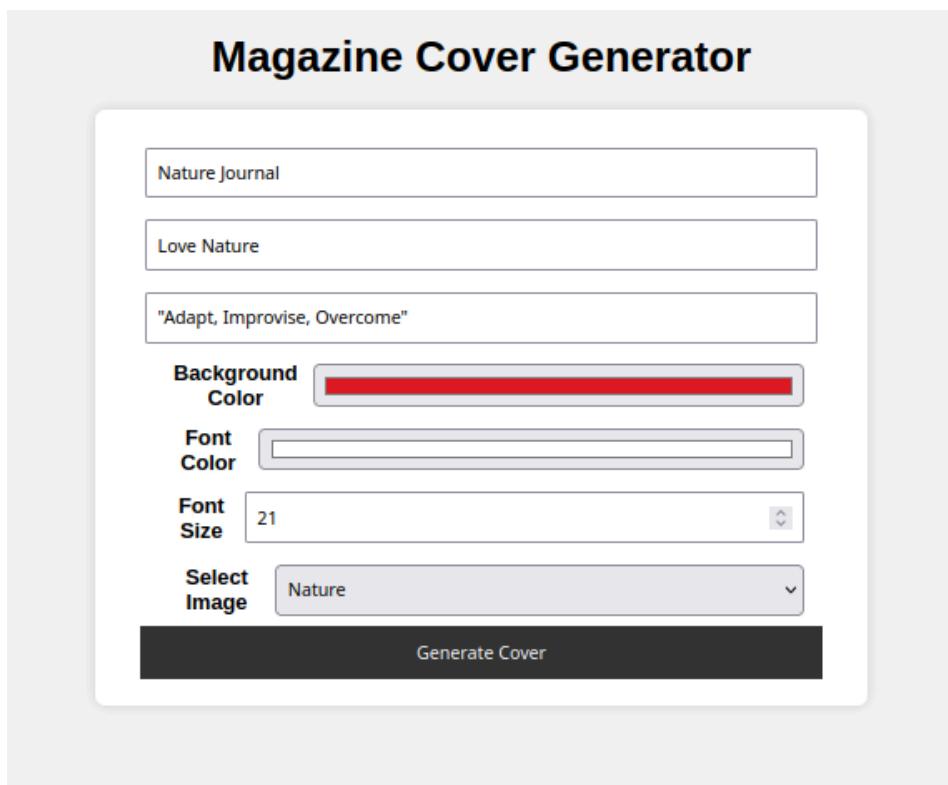
Background Color

Font Color

Font Size

Select Image

Generate Cover



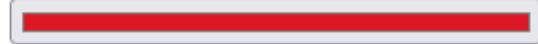
Magazine Cover Generator

Nature Journal

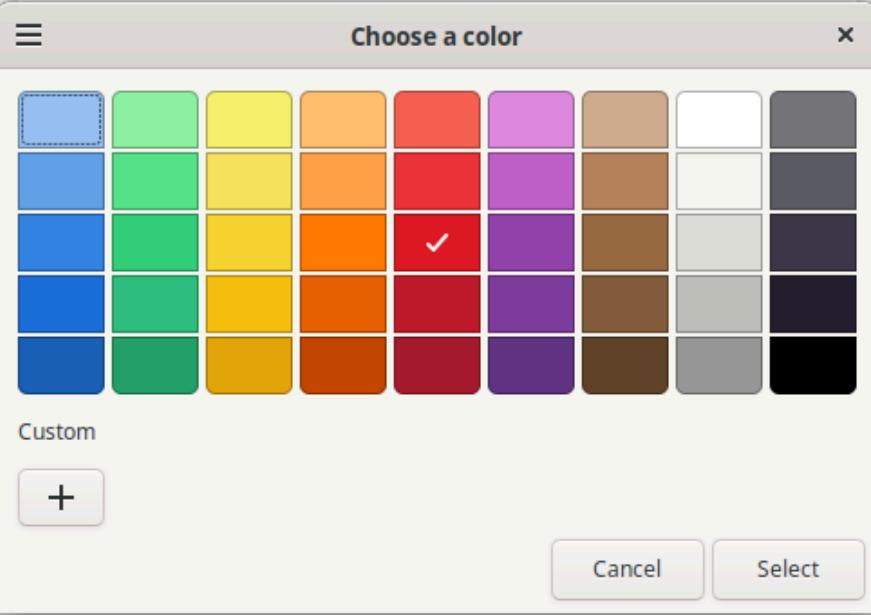
Love Nature

"Adapt, Improvise, Overcome"

Background
Color



Font
Color



Magazine Cover Generator

Main Title

Subtitle

Tagline

Background Color

Font Color

Font Size

Select Image

Nature

Generate Cover

Nature Journal

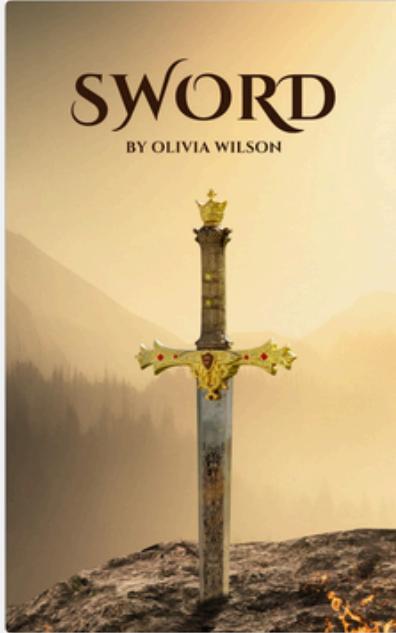
Love Nature



"Adapt, Improvise, Overcome"

Q3: Design a simple web application to provide information about a book. The home page of the application should display the cover page of the book along with three hyperlinks: Metadata, Reviews, Publisher info. Give provision to revert to home page from any other page.

The Great Adventure



The book cover features the title "SWORD" in large, serif capital letters at the top, with "BY OLIVIA WILSON" underneath. Below the title is a detailed illustration of a sword standing upright in a rocky, volcanic landscape with lava flows at the base. The background shows a hazy, mountainous horizon under a warm, golden sky.

[Metadata](#) [Reviews](#) [Publisher Info](#)

Book Metadata

Author: John Smith

Genre: Fiction

Published: 2023

ISBN: 123-4567890123

[Back to Home](#)

Book Reviews

★★★★★ - Amazing story and characters!

★★★★ - Very engaging and well written.

★★★★★ - A must read for fiction lovers.

[Back to Home](#)

Publisher Information

Publisher: ABC Publications

Address: 123 Main Street, New York

Contact: +1 234 567 890

[Back to Home](#)

Additional Questions

Q1: Design a simple web application which will ask the user to input his name and a message, display the two items concatenated in a label, and change the format of the label using radio buttons and check boxes for selection, the user can make the label text bold, underlined or italic and change its color. include buttons to display the message in the label, clear the text boxes and label and exit.

Message Formatter

Enter Name:

BOLD ITALIC UNDERLINE

RED GREEN PINK

Enter Message:

Message Formatter

Enter Name:

BOLD ITALIC UNDERLINE

RED GREEN PINK

Enter Message:

Name: Adarsh

Message: Hi, how are you?