

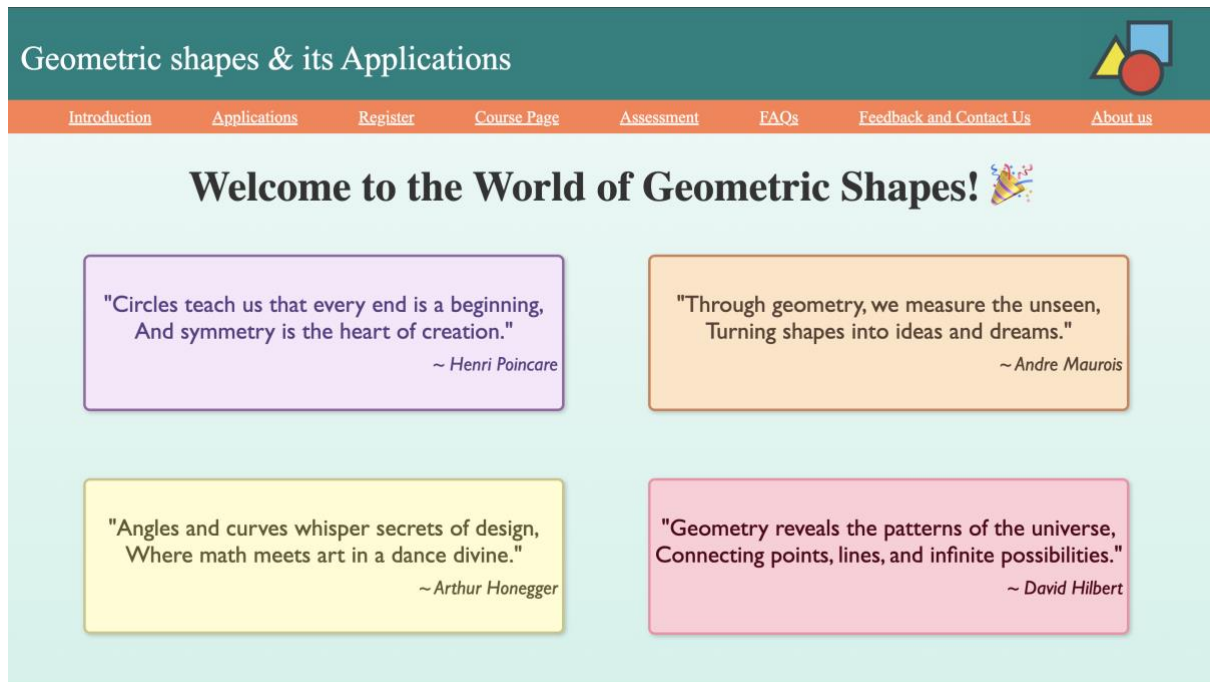
Geometric shapes: Its area and applications.

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Reg.No.: 23BCE0809

1. Home Page

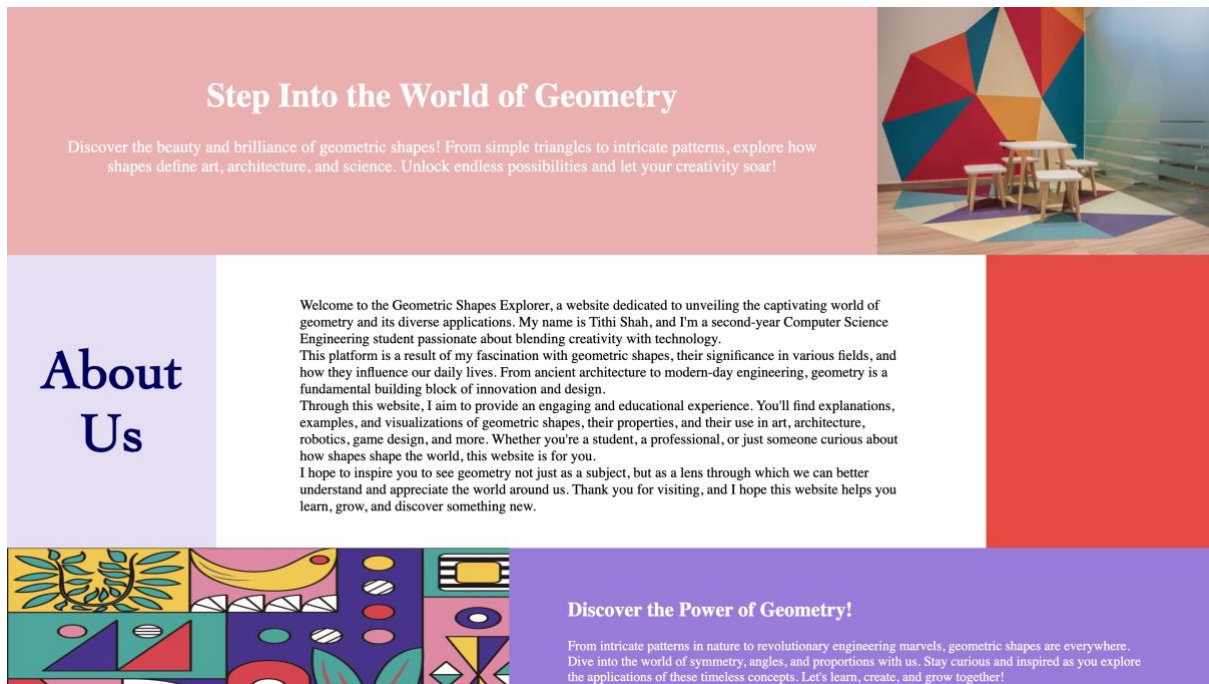
- **Content:**
 - Welcome message
 - Quotes related to geometric shapes and stating their importance
 - Navigation links to other pages
- **Design:**
 - 4 card structures for quotes
 - Buttons for "Sign In" or "Registration"



2. About Us (Company Profile)

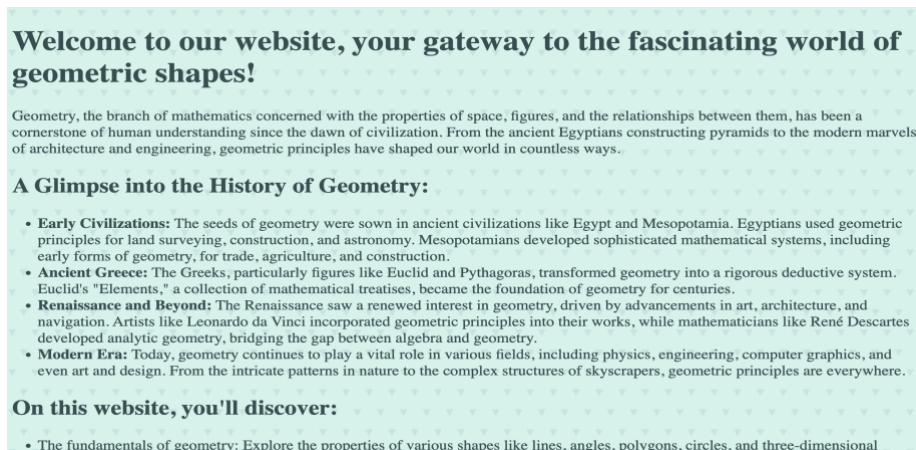
- **Content:**

- Overview of the project
- Objectives of the website (e.g., educate, assess, inspire)
- **Design:**
 - Two-column layout with text on one side and an image/graphic on the other.



3. Introduction to Geometry

- **Content:**
 - Definition of geometry
 - Historical background
 - Real-world relevance
- **Design:**
 - Timeline representation for historical details.
 - Interactive sections for real-world applications (e.g., architecture, engineering).



- Real-world applications: Learn how geometric concepts are applied in fields like architecture, engineering, art, and technology.
- Interactive tools and resources: Engage with interactive exercises, simulations, and visualizations to deepen your understanding of geometry.
- A timeline of geometric discoveries: Trace the evolution of geometric thought from ancient civilizations to the present day.

And much more!

Whether you're a student, a curious learner, or simply someone who appreciates the beauty and elegance of geometry, we invite you to explore this website and embark on a journey of discovery.

Let's unlock the secrets of shapes together!

[Click here to know more about 2D shapes](#)

[Click here to know more about 3D shapes](#)

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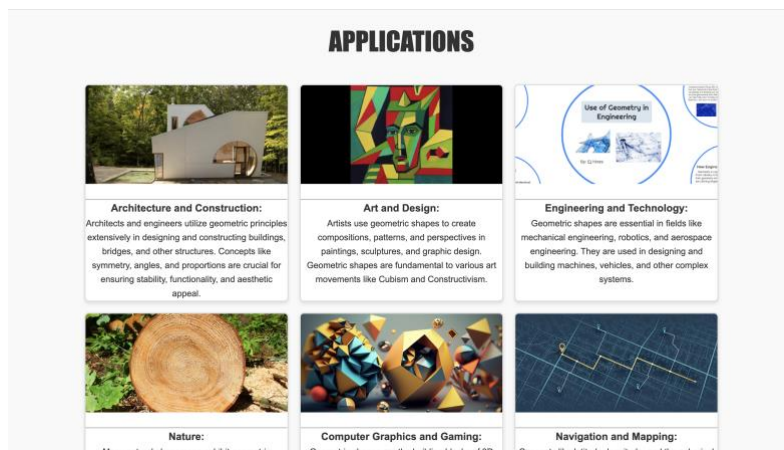
4-6. Shape Pages (3 pages)

Each page focuses on a category of shapes:

- **2D Shapes:** Circle, triangle, square, etc.
- **3D Shapes:** Sphere, cube, cylinder, etc.
- **Complex Shapes:** Polygons, ellipses, etc.
- **Content:**
 - Description of each shape
 - Formulas for area, perimeter, and volume (if applicable)
 - Interactive diagrams or animations
- **Design:**
 - Tabs or accordions for individual shapes.
 - Hover effects for detailed information.

7. Applications of Geometry

- **Content:**
 - Applications in architecture, design, robotics, etc.
 - Case studies or examples
- **Design:**
 - Grid layout with each application represented visually.



8. Interactive Course Page

- **Content:**
 - Lessons on understanding and calculating areas and volumes.
 - Examples and exercises.
- **Design:**
 - Step-by-step answers.

COURSE PAGE

1. The side of a square is 4 cm. Calculate its area.

Answer:
Formula: $A = \text{side}^2$
 $A = 4^2 = 16 \text{ cm}^2$

2. The length of a rectangle is 5 m, and its width is 3 m. Calculate its area.

Answer:
 $A = \text{length} \times \text{width}$
 $A = 5 \times 3 = 15 \text{ m}^2$

3. The base of a triangle is 10 cm, and its height is 6 cm. Calculate its area.

Answer:

9-18. Assessment Page

- **Content:**
 - Multiple-choice questions
- **Design:**
 - Results displayed dynamically.

QUIZ TIME

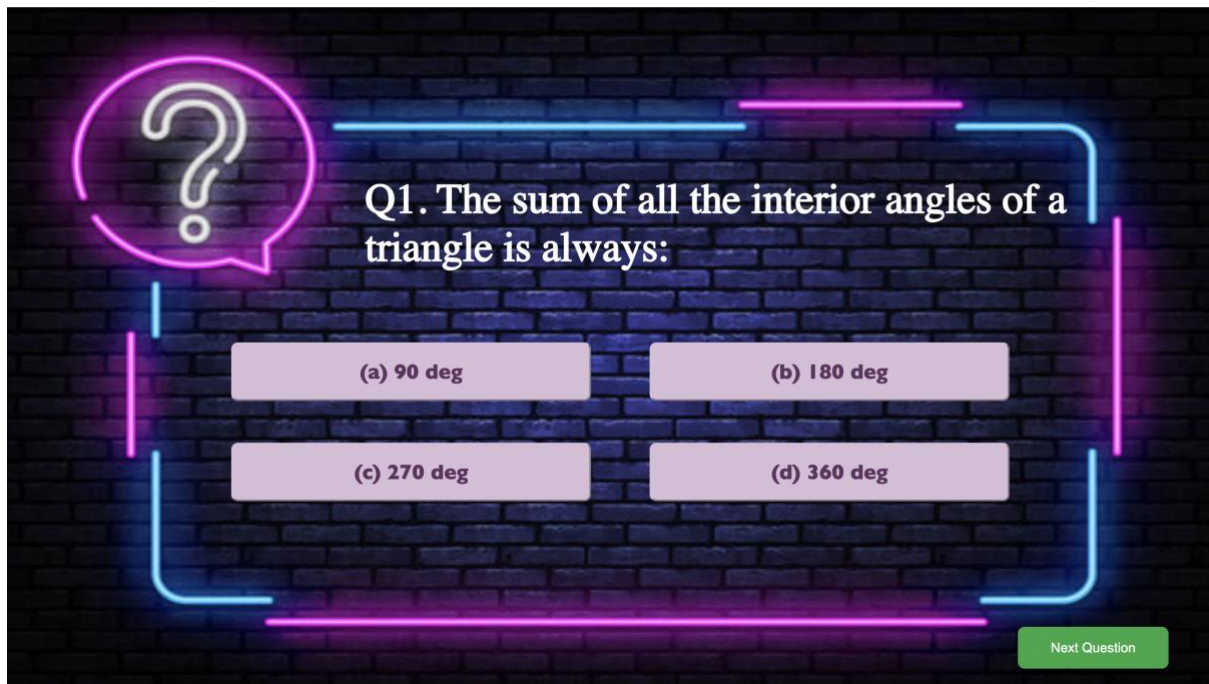
Instructions:

- You can view score once you attempt every question in the test
- You can't go back to the previous questions once attempted
- Attempt the quiz only if you've read about the particular topic from course page

[Reference Material for 2D Shapes](#)
[Reference Material for 3D Shapes](#)
[Reference Material for Applications](#)

PROCEED

file:///Users/tithishah/Desktop/Project-Geometric Shapes/AssessmentStart.html



19. Feedback and Contact Us Page

- **Content:**
 - Feedback form
 - Contact details (email, social media, etc.)
- **Design:**
 - Clean and simple form layout.

WE WANT YOUR FEEDBACK

How do you rate our overall experience?
☐ Excellent ☐ Average ☐ Bad

Personal Details

Full Name:
Eg., Tilhi Shah

Email:
Eg., abc@gmail.com

Age:

Phone*:
Eg., +91 1230000000

Grade:
1st-5th

DOB:
dd/mm/yyyy

Message:
Share your feedback

Submit

Reach out to us via:
Email: @geometricshapes.com
Contact: +91 0123456789
Instagram: @geometricshapes

20. Course Registration Page

- **Content:**
 - Form for users to sign up for geometry lessons
- **Design:**
 - User-friendly form with validations and confirmation messages.

The image shows a two-page layout for a course registration page. The top page features a dark blue curved header with the word "Welcome" in white. To the right is a white sign-in form with fields for "Username" and "Password", a dark blue "Sign in" button, and links for "Forgot password?" and "Don't have an account? Sign up here". The bottom page features a dark blue curved header with the text "Join with us" in white. To the left is a white sign-up form with fields for "Username", "Email", "Password", and "Confirm password", a dark blue "Sign up" button, and a link for "Already have an account? Sign in here".

Welcome

Sign in
[Forgot password?](#)
[Don't have an account? Sign up here](#)

Join with us

Sign up
[Already have an account? Sign in here](#)

21. FAQs Page

- **Content:**
 - Common questions about geometry
- **Design:**
 - Accordion layout for questions and answers.



THANK YOU