

## Basic Level Positioning Tasks (10 Questions)

- 1. Default Positioning**  
Create three <div> elements and apply no position. Observe the natural flow (static positioning).
  - 2. Relative Position**  
Create a box and shift it 20px from the top and left using position: relative; top: 20px; left: 20px.
  - 3. Absolute in Relative Container**  
Create a parent div with position: relative and a child box with position: absolute; bottom: 10px; right: 10px.
  - 4. Fixed Header**  
Build a header bar with position: fixed; top: 0; width: 100%. Make sure the content scrolls behind it.
  - 5. Sticky Note**  
Create a paragraph with a sticky label on top using position: sticky; top: 0.
  - 6. Z-Index Basic**  
Create two overlapping boxes and use z-index to make the front one appear on top.
  - 7. Centered Absolute Box**  
Center a box inside its parent using:  

```
position: absolute;
top: 50%;
left: 50%;
transform: translate(-50%, -50%);
```
  - 8. Scroll Sticky Title**  
Make a section title stick at the top of the screen when scrolling using position: sticky.
  - 9. Relative Label**  
Create a form label that slightly moves above its input using position: relative; top: -10px.
  - 10. Fixed Back to Top Button**  
Place a button at the bottom-right of the screen with position: fixed; bottom: 20px; right: 20px.
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## Medium Level Positioning Tasks (10 Questions)

- 1. Tooltip with Absolute**  
Create a button with a tooltip that appears above it using position: absolute; bottom: 100%;
- 2. Sticky Navbar + Logo**  
Build a navbar where only the logo stays sticky using position: sticky while other links scroll away.

3. **Modal Overlay with Fixed**  
Create a modal popup centered on screen with a fixed dark background layer.
  4. **Dropdown Menu**  
Build a dropdown menu that appears on hover using `position: absolute;`  
`top: 100%; left: 0.`
  5. **Sticky Sidebar with Scrollable Content**  
Create a layout with a sticky sidebar that stays fixed during scroll, while content scrolls independently.
  6. **Notification Badge**  
Add a notification badge in the top-right corner of an icon using:  
  

`position: absolute;`  
`top: -5px;`  
`right: -5px;`
  7. **Mini Chat Box in Bottom Corner**  
Create a floating chat box in the lower-right of the screen using `position: fixed.`
  8. **Banner with Overlapping Text**  
Use absolute positioning to place text over a banner image.
  9. **Positioned Elements in Grid**  
Inside a CSS Grid layout, use `position: absolute` on a child to float over a grid item.
  10. **Hover Info Card**  
Make a card that reveals additional info using `position: absolute` on hover inside `position: relative` parent.
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### Hard Level Positioning Tasks (10 Questions)

1. **Sticky Multi-Section Navbar**  
Create a multi-section sticky navbar that updates the section label as the user scrolls (JS optional).
2. **Timeline Design**  
Create a vertical timeline where each event uses `position: relative` and a pin in the center uses `absolute`.
3. **Popup Notification with Auto-Close**  
Create a fixed notification that appears at the top-right and disappears after a few seconds (JS optional).
4. **Drag-and-Drop Zone UI**  
Design a drag-drop area with `position: absolute` boxes inside a relative wrapper.
5. **Zoom-In on Scroll Sticky Section**  
Build a sticky section that stays fixed for a while before continuing to scroll.

**6. Floating Social Share Bar**

Make a social share bar that follows the scroll using position: fixed but hides on small screens.

**7. Sticky Header with Dropdown Navigation**

Dropdowns should not be cut off while header is sticky — manage stacking context (z-index, overflow).

**8. Image Gallery Hover Description**

Overlay image descriptions using absolute and show on hover with opacity transition.

**9. Interactive FAQ Section**

FAQs with sticky titles and hidden answers revealed using absolute on toggle.

**10. Layout with Multiple Sticky and Fixed Items**

Create a complex layout with:

- Sticky header
- Fixed bottom action bar
- Sticky sidebar
- Scrollable content area in the center