

Assignment – Module 13: Display & Position

PART A: THEORY (WRITTEN) – 10 QUESTIONS

Q1.

What is the display property in CSS?
Explain different display types.

Q2.

Explain the difference between:
a) display: none
b) visibility: hidden

Q3.

What is opacity?
Write its values and real-life use cases.

Q4.

Explain the overflow property.
Write different overflow values.

Q5.

What is the position property in CSS?
Why is it important in layout design?

Q6.

Explain static and relative positioning with examples.

Q7.

**Explain absolute and fixed positioning.
Write differences between them.**

Q8.

**What is sticky positioning?
Where is it used in real websites?**

Q9.

**What is z-index?
Why does it not work without position property?**

Q10.

Write common mistakes students make while using display and position properties.

PART B: PRACTICAL (CODE WRITING) – 10 PROGRAMS

Program 1: Display Block vs Inline

Task:

Create two elements and demonstrate:

- **One using display: block**
 - **One using display: inline**
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Program 2: Inline-Block Menu

Task:

Create a horizontal menu using:

- **display: inline-block**

Program 3: display: none vs visibility: hidden

Task:

Create two paragraphs:

- Hide one using display: none
- Hide another using visibility: hidden

Program 4: Opacity Effect

Task:

Create a box and apply:

- Normal opacity
- Reduced opacity

Program 5: Overflow Control

Task:

Create a fixed-size box and demonstrate:

- overflow: hidden
- overflow: scroll

Program 6: Relative Position

Task:

Create a box and move it using:

- position: relative
- top and left

Program 7: Absolute Position Inside Relative Parent

Task:

Create a parent div with:

- position: relative

Place a child element using:

- position: absolute

Program 8: Fixed Position Element

Task:

Create a fixed header or footer using:

- position: fixed

Program 9: Sticky Header

Task:

Create a sticky heading using:

- position: sticky
- Scroll to observe behavior

Program 10: z-index Demonstration

Task:

Create two overlapping boxes and use:

- z-index to control which appears on top