

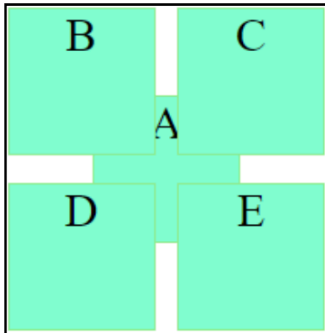
Task 1:

Problem Statement

Write code to position 5 equal-sized (50 X 50px) boxes A, B, C, D, and E as follows,

1. box A 200px from the left, and 200px from the top of the viewport.
2. box B -30px left, and -30px above from the center of box A.
3. box C -30px right, and -30px above from the center of box A.
4. box D -30px left, and -30px below from the center of box A.
5. box E -30px right, and -30px below from the center of box A.

Expected Output



Ans)

HTML File : [Task 1 html](#)

CSS File : [Task 1 css](#)

Task 2:

Problem Statement

Explain the difference between Absolute and Relative positioning.

Ans)

position: relative;

An element with **position: relative;** is positioned relative to its normal position.

Setting the top, right, bottom, and left properties of a relatively-positioned element will cause it to be adjusted away from its normal position.

Other content will not be adjusted to fit into any gap left by the element.

position: absolute;

An element with **position: absolute;** is positioned relative to the nearest positioned ancestor (instead of positioned relative to the viewport, like fixed).

If an absolute positioned element has no positioned ancestors, it uses the document body, and moves along with page scrolling.

Absolute positioned elements are removed from the normal flow, and can overlap elements.

Task 3:

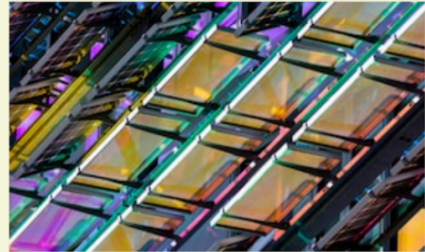
Problem Statement

Create a card as shown in the picture below. (You can use CSS float property only for layout).

Expected Output

The Earth!!!

Nature is Earth's masterpiece, a symphony of life composed through millennia. Its landscapes whisper tales of ancient mountains, winding rivers, and flourishing forests, reminding us of the planet's boundless beauty. From delicate petals to towering redwoods, nature's artistry stirs awe and reconnects us to the essence of existence. Nature is Earth's masterpiece, a symphony of life composed through millennia. Its landscapes whisper tales of ancient mountains, winding rivers, and flourishing forests.



Ans)

HTML File : [Task 3 html](#)

CSS File : [Task 3 css](#)

Task 4:

Problem Statement

Create a simple header that sticks to the top of a webpage upon scrolling.

Expected Output

LOGO

Home

Pricing

Contact

Terms and Condition

Get Started

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Heading 3

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Ans)

HTML File : [Task 4 html](#)

CSS File : [Task 4 css](#)

Task 5:

Problem Statement

Explain the z-index, with a code example.

Ans)

HTML File : [Task 5.html](#)

z-index

When elements are positioned, they can overlap other elements.

The z-index property specifies the stack order of an element (which element should be placed in front of, or behind, the others).

An element can have a positive or negative stack order.