

Level 3



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Units in CSS

Relative

%

em

rem

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Percentage (%)

It is often used to define a size as relative to an element's parent object.

width : 33% ;

margin-left : 50% ;

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Em

Unit	Relative to
em	Font size of the parent, in the case of typographical properties like font-size , and font size of the element itself, in the case of other properties like width .

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Rem (Root Em)

Unit	Relative to
rem	Font size of the root element.

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Others

vh: relative to 1% viewport height

vw : relative to 1% viewport width

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Position

The position CSS property sets **how an element is positioned** in a document.

position : static / relative / absolute / fixed

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Position

- **static** - default position (The top, right, bottom, left, and z-index properties have no effect)
- **relative** - element is relative to itself. (The top, right, bottom, left, and z-index will work)
- **absolute** - positioned relative to its closest positioned ancestor. (removed from the flow)
- **fixed** - positioned relative to browser. (removed from flow)
- **sticky** - positioned based on user's scroll position

z-index

It decides the **stack level** of elements

Overlapping elements with a larger z-index cover those with a smaller one.

z-index : auto (0)

z-index : 1 / 2 / ...

z-index : -1 / -2 / ...

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Background Image

Used to set an image as background

```
background-image : url("image.jpeg");
```

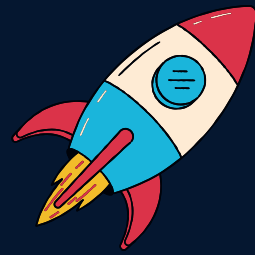
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Background Size

background-size : cover / contain / auto

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Practice Set 5



Qs: Create the following layout using the given html.

- Give the div a height, width & some background image.
- Use the appropriate position property for the div element to place it at the right end of the page. (The div should not move even on scroll)
- Use z-index to place the div on top of page.

```
<p> lorem*5 </p>
```

```
<div> Love Nature </div>
```

```
<p> lorem*5 </p>
```