

NXT
WAVE

WELCOME





Favourite Places Section

Recap

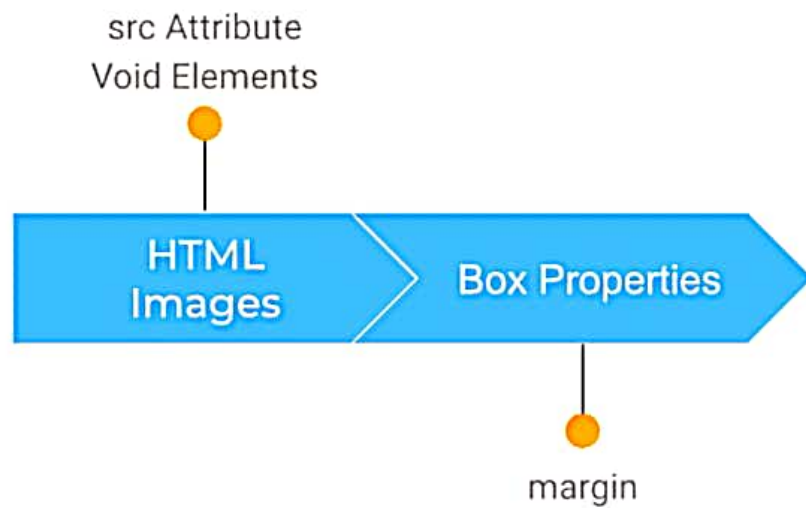
Introduction to Bootstrap

- ✓ Layout
- ✓ Methods to Design Layout
- ✓ Flexbox
- ✓ Flexbox Properties
 - Flex Container
 - Flex Direction
 - Justify Content
- ✓ Bootstrap
 - Flexbox Class Names



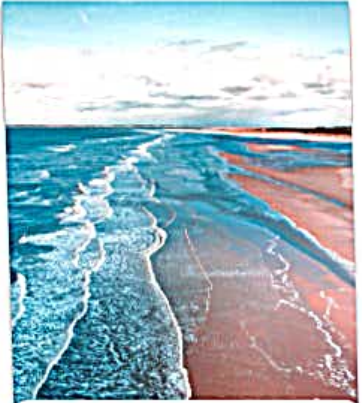
Agenda

Favourite Places Section



Example - Static Website

Tourism



Tourism

Plan your trip wherever you want to go

Get Started

Favourite places

Taj Mahal

If there was just one symbol to represent all of India, it would be the Taj Mahal



Golden Temple

Amritsar is world famous for the beautiful and highly revered Golden Temple



Mysore Palace

The Mysore Palace is a historical palace and the royal residence at Mysore




Varanasi Temple

Varanasi Temple is most famous Hindu temples dedicated to Lord Shiva



Detailed View



Taj Mahal

The Taj Mahal is considered to be the greatest architectural achievement in the whole range of Indo-Islamic architecture. Its recognised architectural beauty has a rhythmic combination of solids and voids, concave and convex and light shadows, such as arches and domes further increases the aesthetic aspect. Not a piece of architecture, as other buildings are, but the proud passions of an emperor's love wrought in living stones.

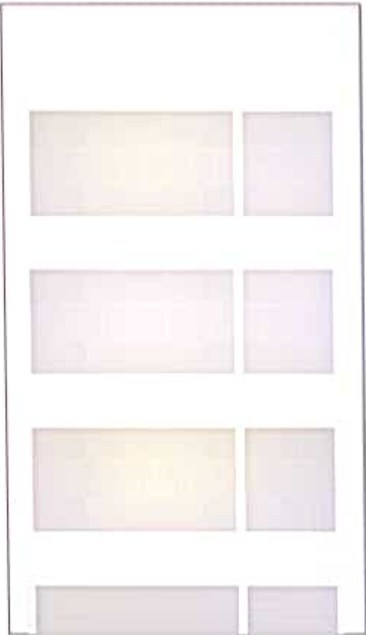
Static Website

Favourite Places Section



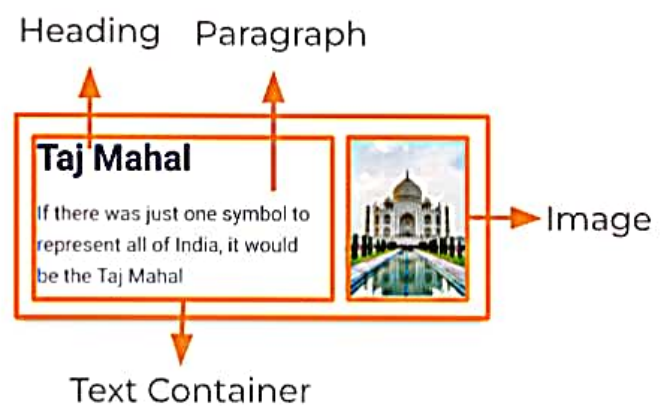
Favourite Places Section

Layout



Favourite Places Section

Breaking down into small parts



Favourite Places Section

Adding Background Container



Adding Background Container

HTML

```
<body>
  <div class="favourite-places-bg-container">
  </div>
</body>
```

CSS

```
.favourite-places-bg-container {
  background-image: url("https://assets.ccbp.in/frontend/static-website/tower-bg.png");
  height: 100vh;
  background-size: cover;
}
```

Adding the Favourite Places Section Heading



Favourite Places Section

Adding the Favourite Places Section Heading

HTML

```
<div class="favourite-places-bg-container">  
  <h1 class="favourite-places-heading">  
    Favourite Places  
  </h1>  
</div>
```

CSS

```
.favourite-places-heading {  
  color: white;  
  font-size: 28px;  
  font-family: 'Roboto';  
  font-weight: bold;  
}
```

Favourite Places Section

Output



Favourite Places Section

Output



Adding Padding
to the
Favourite Places
Section Heading



Favourite Places Section

Adding Padding to the Favourite Places Section Heading

CSS

```
.favourite-places-heading {  
  color: white;  
  font-size: 28px;  
  font-family: 'Roboto';  
  font-weight: bold;  
  padding: 24px;  
}
```


Adding a Favourite Place Card

Taj Mahal

If there was just one symbol to represent all of India, it would be the Taj Mahal

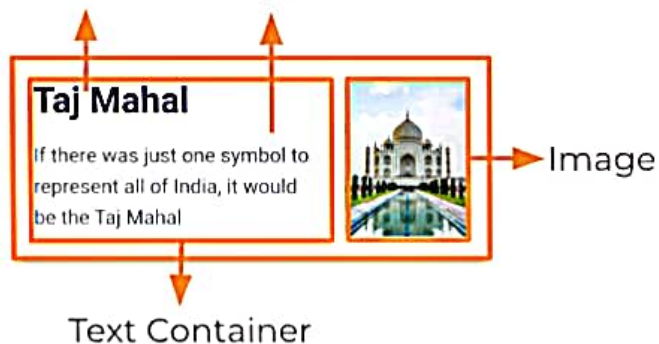


Favourite Places Section

Adding a Favourite Place Card

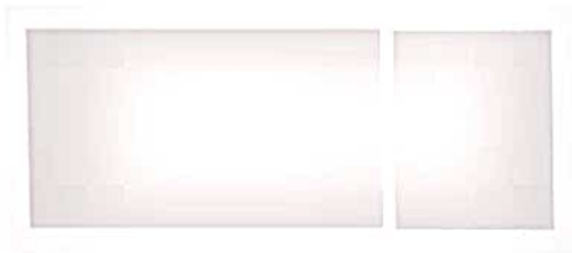


Heading Paragraph



Favourite Places Section

Adding a Favourite Place Card



Taj Mahal

If there was just one symbol to represent all of India, it would be the Taj Mahal



Favourite Places Section

Adding a Favourite Place Card Container

HTML

```
<div class="favourite-places-bg-container">  
  <h1 class="favourite-places-heading">  
    Favourite Places  
  </h1>  
  <div class="favourite-place-card-container">  
  </div>  
</div>
```

CSS

```
.favourite-place-card-container {  
  background-color: white;  
  border-radius: 8px;  
}
```

Card Container

Taj Mahal

If there was just one symbol to represent all of India, it would be the Taj Mahal



Favourite Places Section

Adding a Favourite Place Card Text Container

HTML

```
<div class="favourite-places-bg-container">
  <h1 class="favourite-places-heading">
    Favourite Places
  </h1>
  <div class="favourite-place-card-container">
    <div>
    </div>
  </div>
</div>
```

Text Container

Taj Mahal

If there was just one symbol to represent all of India, it would be the Taj Mahal



Favourite Places Section

Adding a Card Heading

HTML

```
...  
<div class="favourite-place-card-container">  
  <div>  
    <h1 class="favourite-place-card-heading">  
      Taj Mahal  
    </h1>  
  </div>  
</div>  
...
```

CSS

```
.favourite-place-card-heading {  
  color: #0f0e46;  
  font-family: 'Roboto';  
  font-weight: bold;  
  font-size: 23px;  
}
```

Favourite Places Section

Adding a Card Description

HTML

```
...  
<div>  
  <h1 class="favourite-place-card-heading">  
    Taj Mahal  
  </h1>  
  <p class="favourite-place-card-description">  
    If there was just ...  
  </p>  
</div>  
...
```

CSS

```
.favourite-place-card-description{  
  font-family: 'Roboto';  
  font-size: 13px;  
  color: #6c6b70;  
}
```

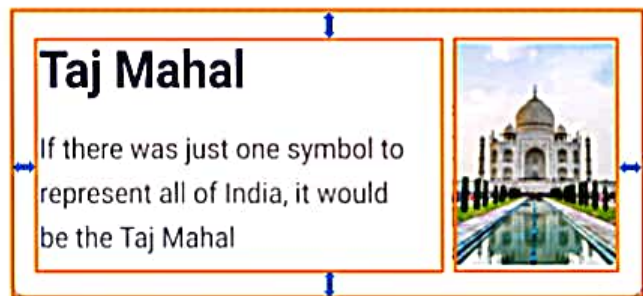
Card Heading and Description

Output



Favourite Places Section

Adding Padding to the Card



Favourite Places Section

Adding padding to the Favourite Place Card

CSS

```
.favourite-place-card-container {  
  background-color: white;  
  border-radius: 8px;  
  padding: 16px;  
}
```

Adding padding to the Favourite Place Card

Output



Try it in the Code Playground

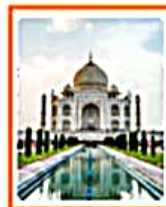


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Adding an Image to the Card

Taj Mahal

If there was just one symbol to represent all of India, it would be the Taj Mahal



How to add an
Image in HTML?



Images

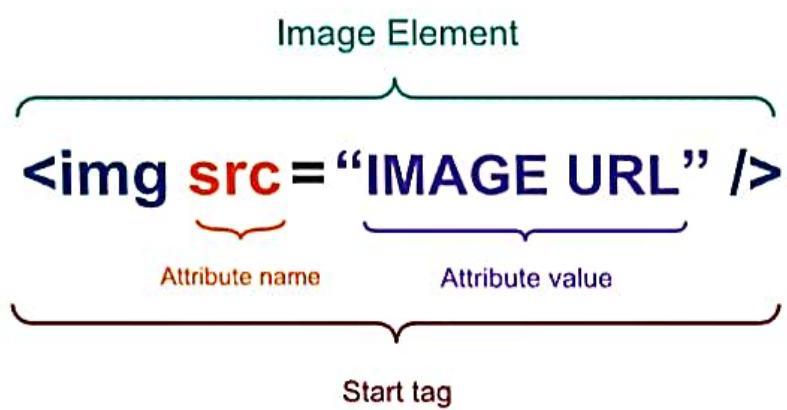
Ways to add Images in Website

- HTML Image
- CSS Background Image

Use **HTML Image** to add an image when there are no content or elements to add on top of the Image.

Syntax

HTML Image Element



Images

Void Elements

The HTML elements that only have a **start tag** and do not contain content or **end tag** are called as **Void Elements**

Void Element

The diagram shows the HTML tag syntax for a void element: `<tag />`. A green curly brace is positioned above the tag, spanning from the opening angle bracket to the closing angle bracket, with the text "Void Element" centered above it. A brown curly brace is positioned below the tag, spanning from the opening angle bracket to the closing angle bracket, with the text "Start tag" centered below it.

`<tag />`

Start tag

Syntax

Normal vs Void Elements

Normal Element

`<tag> Content </tag>`

Start tag Content End tag

Void Element

`<tag />`

Start tag

HTML Images

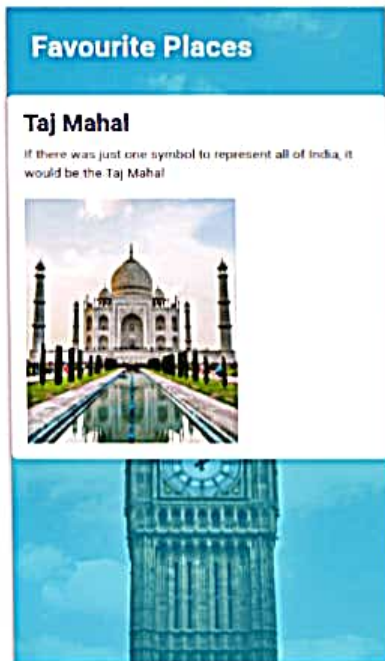
Adding Image to the Card

HTML

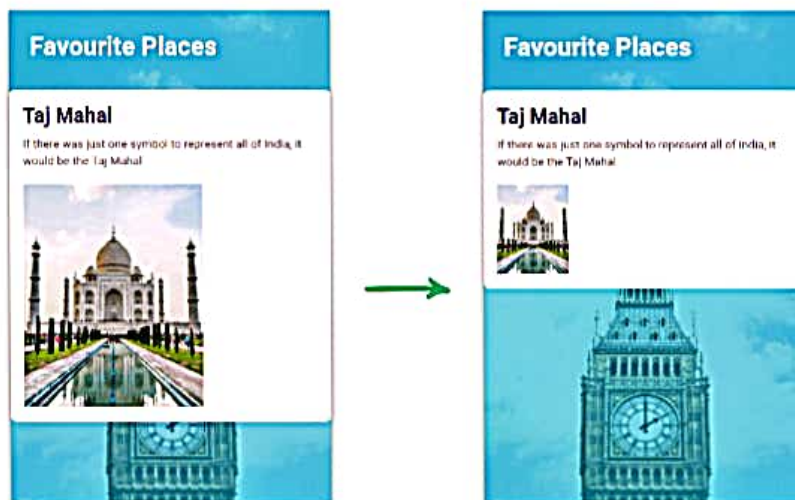
```
<div class="favourite-place-card-container">
  <div>
    ...
  </div>
  
</div>
```

Adding Image to the Card

Output

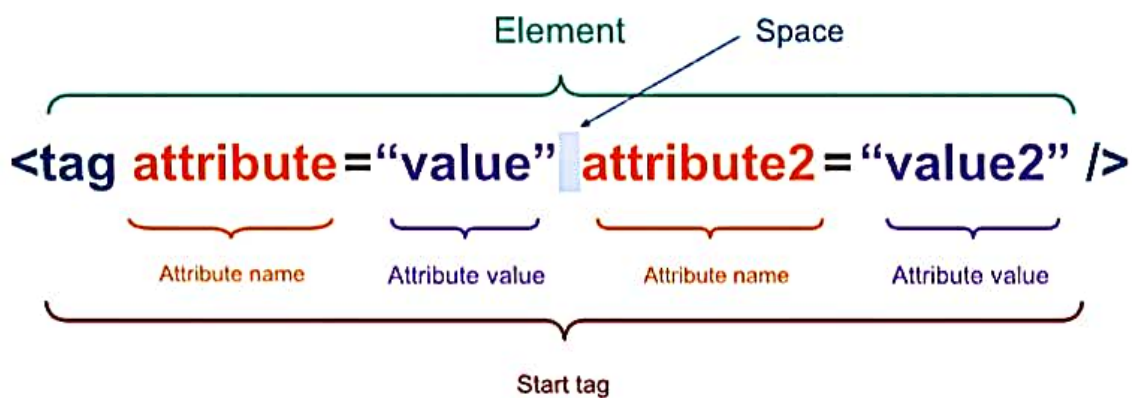


Adding Height and Width to an Image



Syntax

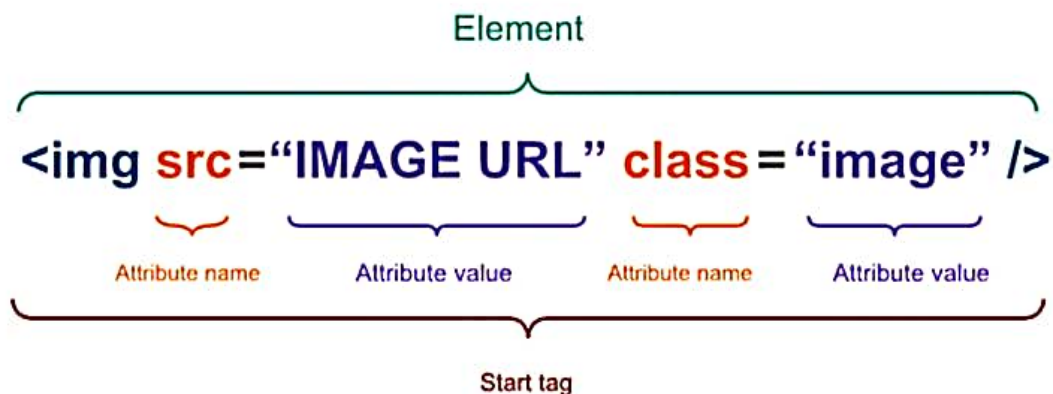
Providing Multiple Attributes to the HTML Element



We can give multiple attributes **separated by the space** for HTML Element

Syntax

Providing Multiple Attributes to the HTML Image Element



We can give multiple attributes **separated by the space** for HTML Element

HTML Image Element

Adding Height and Width to the Image

```

```

HTML

```
.favourite-place-card-image {  
  width: 80px;  
  height: 100px;  
}
```

CSS

Adding Height and Width to the Image

Output



Try it in the Code Playground



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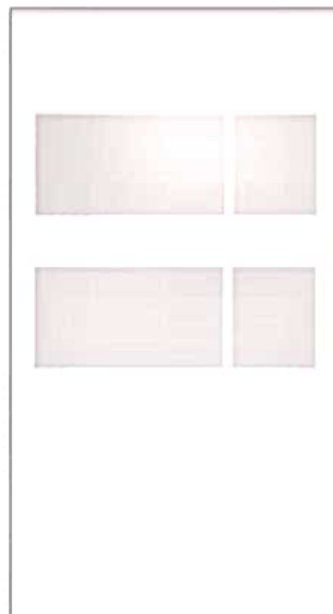
Aligning Elements side by side



Favourite Place Card

Aligning Elements side by side

Card Text Container
should be left aligned and
image should be right aligned



Using Bootstrap Flexbox

Aligning Elements side by side

Bootstrap Flexbox Class names helps us to arrange Text Container and Image Horizontally

Steps:

- Make Card Container as a Flex Container
- Specify the Direction



Step 1

Defining Flexbox Container

HTML

```
<div class="favourite-place-card-container d-flex">
  <div>
    <h1 class="favourite-place-card-heading">
      Taj Mahal
    </h1>
    <p class="favourite-place-card-description">
      If there was just one symbol to represent
      all of India, It would be the Taj Mahal
    </p>
  </div>
  
</div>
```

Step 2

Specifying Direction

HTML

```
<div class="favourite-place-card-container d-flex flex-row">
  <div>
    <h1 class="favourite-place-card-heading">
      Taj Mahal
    </h1>
    <p class="favourite-place-card-description">
      If there was just one symbol to represent
      all of India, It would be the Taj Mahal
    </p>
  </div>
  
</div>
```

Step 2

Output



Try it in the Code Playground



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How to add multiple Cards inside Background Container?



Favourite Places Section

Favourite Places Code Snippet

HTML

```
<div class="favourite-places-bg-container" >
  <h1 class="favourite-places-heading" >
    Favourite Places
  </h1>
  <div class="favourite-place-card-container d-flex flex-row" >
    ...
  </div>
</div>
```

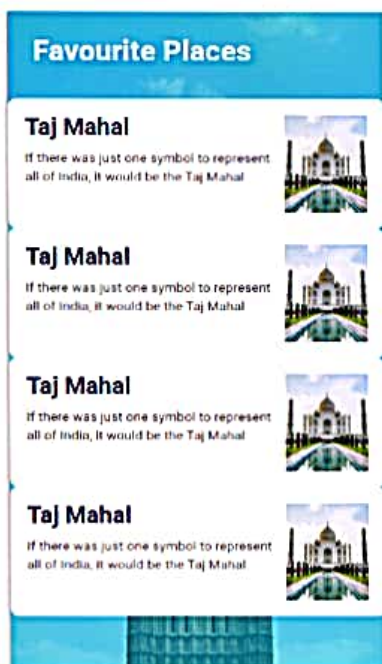
Adding Multiple Cards

```
<div class="favourite-places-bg-container" >  
  <h1 class="favourite-places-heading" >  
    Favourite Places  
  </h1>  
  <div class="favourite-place-card-container d-flex flex-row">  
    ...  
  </div>  
  <div class="favourite-place-card-container d-flex flex-row">  
    ...  
  </div>  
  <div class="favourite-place-card-container d-flex flex-row">  
    ...  
  </div>  
</div>
```

HTML

Adding Multiple Cards

Output



Favourite Places Card Code Snippet

HTML

```
<div class="favourite-place-card-container d-flex flex-row">  
  <div>  
    <h1 class="favourite-place-card-heading">  
      Taj Mahal  
    </h1>  
    <p class="favourite-place-card-description">  
      If there was just one symbol to represent  
      all of India, It would be the Taj Mahal  
    </p>  
  </div>  
    
</div>
```

Adding Multiple Cards

Output



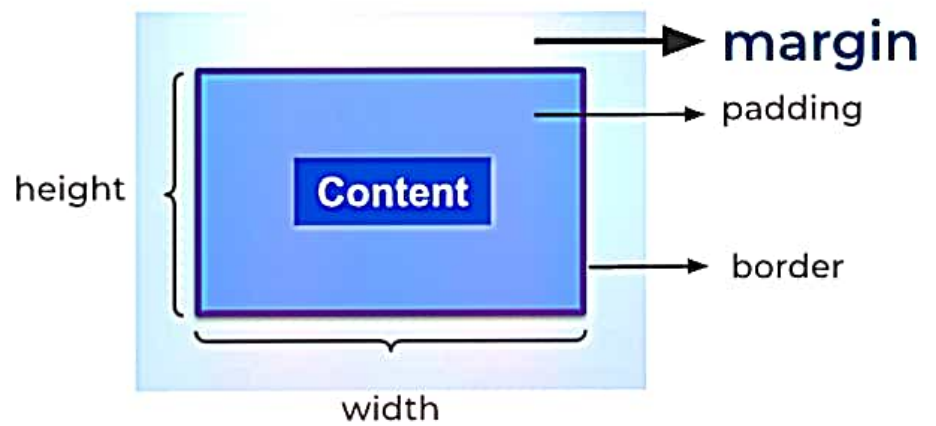
How to get Spacing Between the Cards



Properties

Each rectangular box has different properties:

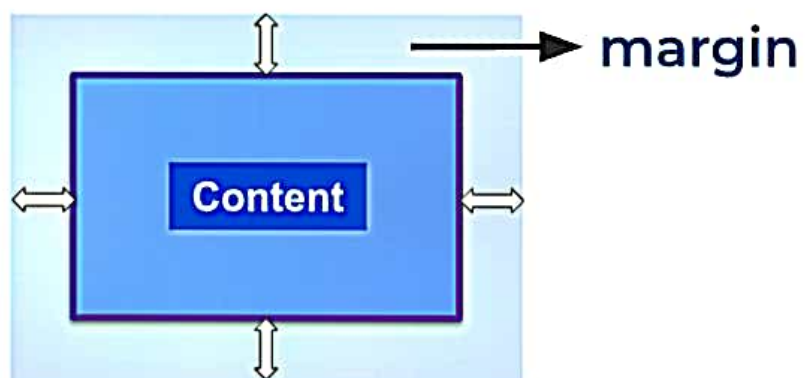
- height
- width
- **margin**
- border
- padding



CSS Box Properties

Margin

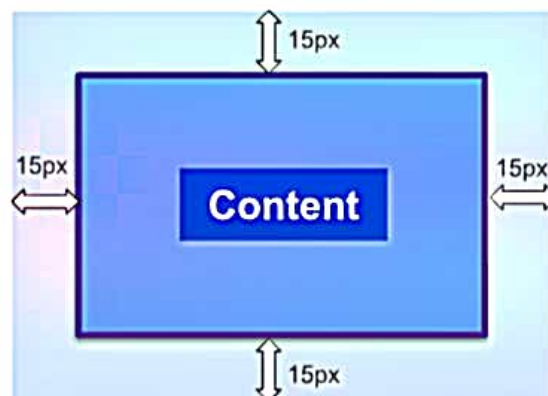
We can get spacing between two elements by using CSS Box Property **margin**



Applying Margin to Card Container

CSS

```
.favourite-place-card-container {  
  background-color: white;  
  border-radius: 8px;  
  padding: 16px;  
  margin: 15px;  
}
```



Favourite Places Section

Adding Spacing between the Cards

CSS

```
.favourite-place-card-container {  
  background-color: white;  
  border-radius: 8px;  
  padding: 16px;  
  margin: 15px;  
}
```



Try it in the Code Playground



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Favourite Places Section

Key Takeaways

- ✓ HTML Image
 - src Attribute
- ✓ Void Elements vs Normal Elements Syntax
- ✓ Providing Multiple Attributes to HTML Elements
- ✓ CSS Box Properties
 - margin



Next Session

Approach to Develop a Layout



Important Tip

Reach out in **Discussion Portal**
for any queries

Before posting a query,
look into **pinned discussions**
below the session





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THANK YOU

