

**NXT
WAVE**

WELCOME





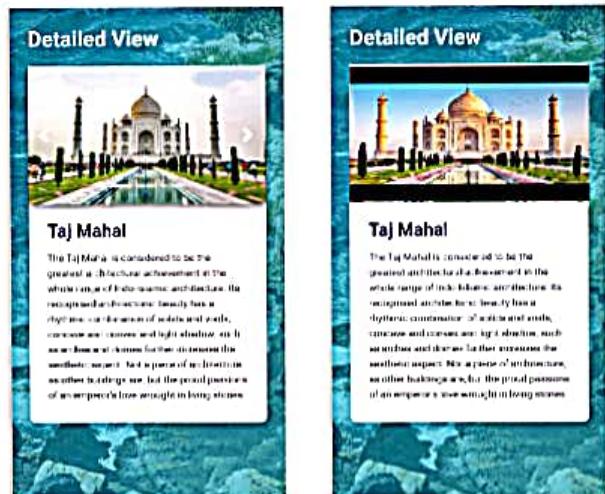
CCBP 4.0
21st Century Skills

Website Integration

Recap

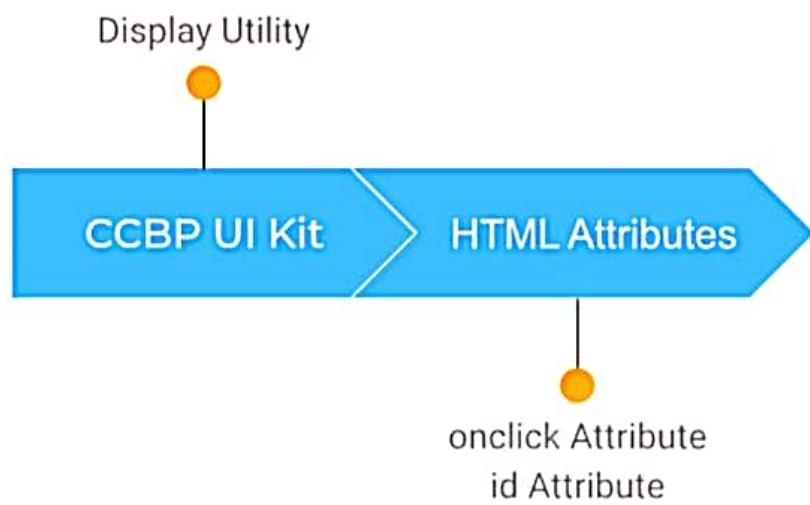
Favourite Place Detailed View Section

- ✓ Bootstrap
 - Carousel
 - Embed Video
 - Youtube Video



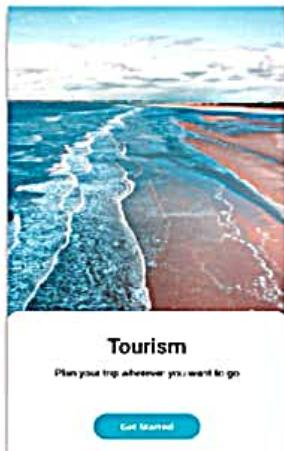
Agenda

Tourism Website Integration



Static Website

Tourism Website Integration



Home Section

Favourite places

Taj Mahal
If there was only one symbol of importance of India, it would be the Taj Mahal.

Golden Temple
Ammritsar is well famous for the beautiful and highly renowned Golden Temple.

Mysore Palace
The Mysore Palace is a historical palace and the royal residence of Mysore.

Varanasi Temple
Varanasi Temple is never famous Hindu temple dedicated to Lord Shiva.

Favourite Places
Section

Detailed View

Taj Mahal
The Taj Mahal is considered to be the greatest architecture achievement of the whole range of Indo-Islamic architecture. Its recognised architectural beauty has a rhythmic combination of solids and voids, colour and form, and light shadow, such as arches and domes further increases the aesthetic aspect. Not a piece of architecture or other buildings are but the proud possessors of an emperors love amount in living stones.

Taj Mahal
Detailed View Section

CCBP UI Kit



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User Interface or Code Snippets

CCBP UI Kit

Collection of **reusable code snippets**
similar to the Bootstrap specially
designed for **CCBP trainings**



Adding CCBP UI Kit to the Web Page

HTML

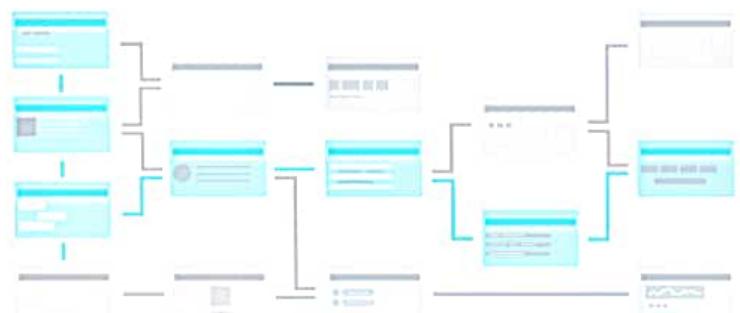
```
<!DOCTYPE html>
<html>
  <head>
    ...
  </head>
  <body>
    ...
    <script
      type="text/javascript"
      src="https://assets.ccbp.in/frontend/static-website/ccbp-ui-kit.js">
    </script>
  </body>
</html>
```

Note: Script Code should be placed just before body end tag

CCBP UI Kit

Display Utility

Reusable code snippet
to **display or hide Section Containers**
based on user actions



Display Utility

HTML

```
<div id="section1">
  <p> This is Section One </p>
  <button class="btn btn-primary" onclick="display('section2')">
    Go to Section 2
  </button>
</div>
<div id="section2">
  <p>This is Section Two</p>
  <button class="btn btn-primary" onclick="display('section3')">
    Go to Section 3
  </button>
</div>
<div id="section3">
  <p>This is Section Three</p>
  <button class="btn btn-primary" onclick="display('section1')">
    Go to Section 1
  </button>
</div>
```

Display Utility

Output

This is Section One

This is Section Two

This is Section Three

[Go to Section 2](#)



[Go to Section 3](#)

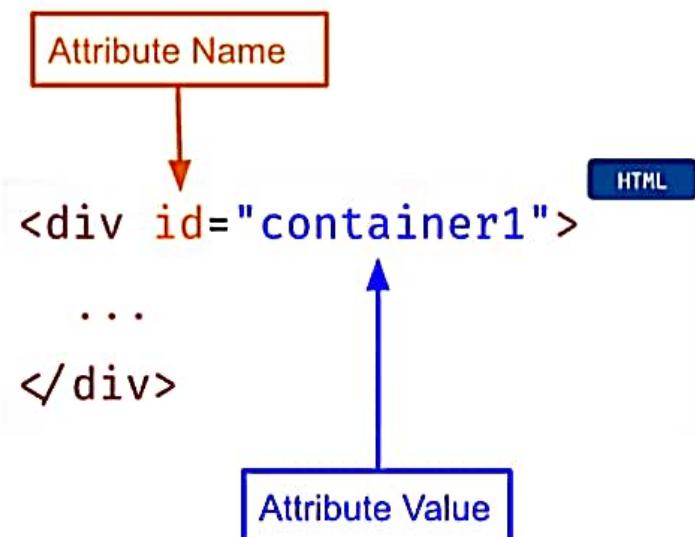


[Go to Section 1](#)

The id Attribute

HTML **id** Attribute is used to uniquely identify the HTML Elements

The value for the id Attribute should be unique across the HTML document



HTML

The onclick Attribute

The `onclick` event occurs when
the user clicks on an HTML Element

HTML

```
<button class="btn btn-primary" onclick="display('SECTION ID')">  
  Go to Section 3  
</button>
```

GET STARTED 

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HTML onclick Attribute

Single/Double Quotes?

```
onclick = "display('SECTION ID')">
```

Specifying unique id

The id which we specify to any section
should always contain its prefix as **section***

section1 

Section1 

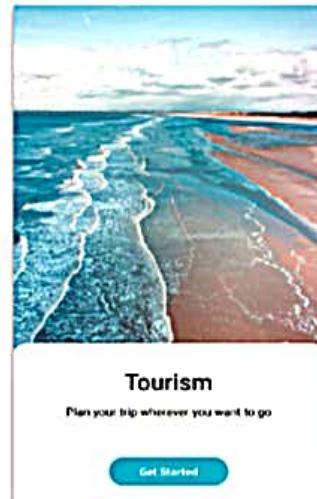
sectionAB 

section AB 

Try it in the Code Playground



Let's Integrate The First Two Sections



Home Section

A screenshot of a mobile application interface titled "Favourite places" in bold black text at the top. Below the title are four cards, each representing a famous Indian landmark: "Taj Mahal", "Golden Temple", "Mysore Palace", and "Varanasi Temple". Each card contains a small image of the landmark, a brief description, and a "Read More" link.

Favourite Places Section

Let's Integrate the first two Sections

Steps:

- Change id's of Section Containers appropriately
- Add HTML code of Home Section and corresponding CSS styles.
- Add HTML code of Favourite Places Section and corresponding CSS styles
- Add onclick attribute to the button in the Home Section



Step 1

Change ids of Section Containers

HTML	HTML
<pre><div id="section1"> </div> <div id="section2"> ... </div> <div id="section3"> ... </div></pre>	<pre><div id="sectionHome"> </div> <div id="sectionFavouritePlaces"> ... </div> <div id="sectionTajMahalDetailedView"> ... </div></pre>



Step 2

Adding Home Section Code to Display Utility

HTML

```
<div id="sectionHome">
  <div class="bg-container d-flex flex-column justify-content-end">
    ...
  </div>
</div>
<div id="sectionFavouritePlaces">
  ...
</div>
<div id="sectionTajMahalDetailedView">
  ...
</div>
```

Step 2

Adding CSS styles for Home Section

css

```
.bg-container {  
    background-image: url("Image Url");  
    height: 100vh;  
    background-size: cover;  
}  
...  
...  
.paragraph {  
    font-family: "Roboto";  
}
```

Step 3

Adding Favourite Places Section code to Display Utility

HTML

```
<div id="sectionHome">
  ...
</div>
<div id="sectionFavouritePlaces">
  <div class="favourite-places-bg-container">
    ...
  </div>
</div>
<div id="sectionTajMahalDetailedView">
  ...
</div>
```

Step 3

Adding CSS styles for Favourite Places Section

css

```
.favourite-places-bg-container {  
background-image: url("Image Url");  
height: 100vh;  
background-size: cover;  
}  
...  
...  
.favourite-place-card-text-container {  
margin: 15px;  
}
```

Step 4

Add Onclick Attribute to the Button in Home Section

HTML

```
<div id="sectionHome">
  <div class="bg-container d-flex flex-column justify-content-end">
    ...
    <button class="button" onclick="display('sectionFavouritePlaces')">
      Get Started
    </button>
  </div>
  <div id="sectionFavouritePlaces"> ... </div>
  <div id="sectionTajMahalDetailedView"> ... </div>
</div>
```

How to Display Home Section, when we are in Favourite Places Section?

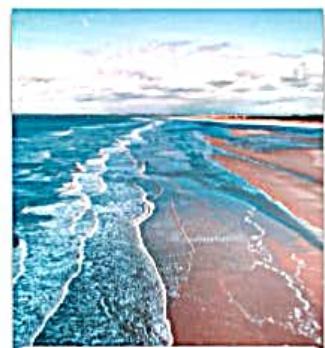
Favourite places

- 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 one of famous Hindu temples dedicated to Lord Shiva.

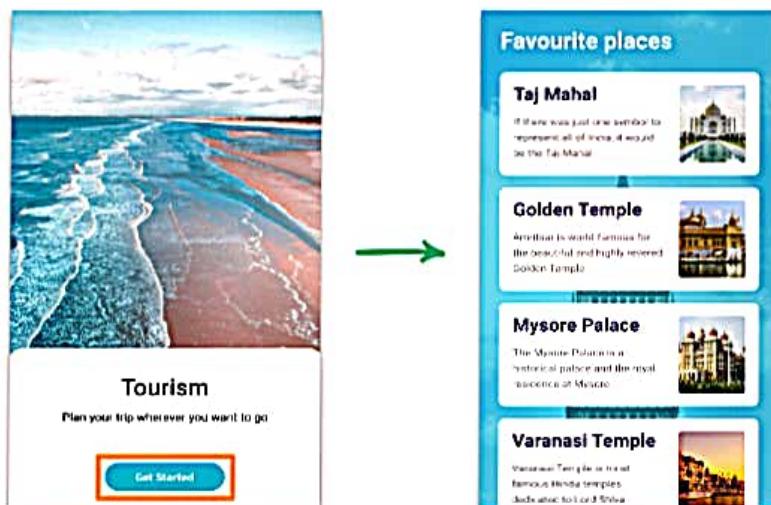



Tourism
Plan your trip wherever you want to go.

[Get Started](#)

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Step 4 Output



Tourism Website

Steps

- Add a button in Favourite places Section
- Add onclick attribute to the button



Step 2

Add Onclick Attribute to the Button

HTML

```
<div id="sectionHome"> ... </div>
<div id="sectionFavouritePlaces">
  <div class="favourite-places-bg-container">
    ...
    <button class="btn btn-dark" onclick="display('sectionHome')">
      back
    </button>
  </div>
</div>
<div id="sectionTajMahalDetailedView"> ... </div>
```

Step 2

Output

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.



[back](#)





Tourism
Plan your trip wherever you want to go

[Get Started](#)

How to Display Detailed View Section when we click on The Taj Mahal Card?

Favourite Places

Taj Mahal
If there was 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.

Back

Detailed View

Taj Mahal

The Taj Mahal is considered to be the greatest architectural achievement in the whole range of Indo-Islamic architecture. Its unique architecture is best known for rhythmic combination of solids and voids, concave and convex and light shadow such as arches and domes further increases the aesthetic aspect. Not a work of art but a proud passion of an emperor's love wrought in living stones.

Display Detailed View Section

Steps:

- Add detailed View Section code to the Section Container
- Add corresponding styles to CSS file
- Add onclick attribute to the Taj Mahal Card in the Favourite Places Section



Step 1

Add Detailed View Section Code

HTML

```
<div id="sectionHome"> ... </div>
<div id="sectionFavouritePlaces"> ... </div>
<div id="sectionTajMahalDetailedView">
  <div class="detailed-view-bg-container">
    ...
  </div>
</div>
```

Step 2

Add CSS

CSS

```
.bg-container {  
    background-image: url("Image Url");  
    height: 100vh;  
    background-size: cover;  
}  
...
```

```
...  
.detailed-view-card-text-container {  
    padding: 15px;  
}  
...
```

Step 3

Add Onclick Attribute

HTML

```
<div id="sectionHome"> ... </div>
<div id="sectionFavouritePlaces">
  ...
<div
  class="favourite-place-card-container d-flex"
  onclick="display('sectionTajMahalDetailedView')">
  ...
</div>
</div>
<div id="sectionTajMahalDetailedView"> ... </div>
```

Step 3

Output

The diagram illustrates a user interface flow. On the left, a screenshot of a mobile application titled 'Favourite Places' is shown. It lists four locations: 'Taj Mahal', 'Golden Temple', 'Mysore Palace', and 'Varanasi Temple'. Each location has a small thumbnail image and a brief description. The 'Taj Mahal' card is highlighted with an orange border. A green arrow points from the 'Taj Mahal' card on the left to a larger screenshot on the right. The larger screenshot shows a detailed view of the Taj Mahal with descriptive text below it.

Favourite Places

Taj Mahal
If there was just one structure 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 of Mysore.

Varanasi Temple
Varanasi Temple is most famous Hindu temple dedicated to Lord Shiva.

back

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 shadow, such as arches and domes further increases the aesthetic aspect. Not a piece of architecture, as other buildings are, but the proud passage of an emperor's love wrought in living stones.

How to Display Favourite Places Section when we are in Detailed View Section?

The image consists of two side-by-side screenshots of a mobile application interface.

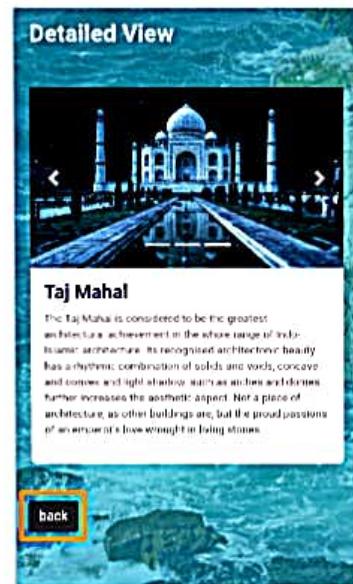
Detailed View (Left): This section displays information about the Taj Mahal. At the top, it says "Detailed View". Below that is a large image of the Taj Mahal. Underneath the image, the title "Taj Mahal" is displayed, followed by a detailed description of its architectural significance and history. The background of this section is teal.

Favourite places (Right): This section lists four favorite places: "Taj Mahal", "Golden Temple", "Mysore Palace", and "Varanasi Temple". Each entry includes a small thumbnail image, the place name, and a brief description. The background of this section is light blue.

Static Website

Display Favourite Places Section

Add a button in Detailed View Section
and provide onclick attribute to it



Add a Button in Detailed View Section

[HTML](#)

```
<div id="sectionHome">
  ...
</div>
<div id="sectionFavouritePlaces">
  ...
</div>
<div id="sectionTajMahalDetailedView">
  <div class="detailed-view-bg-container">
    ...
    <button class="btn btn-dark"> back </button>
  </div>
</div>
```

Display Detailed View Section when we are in Favourite Places Section

Providing Onclick Attribute to the Button

HTML

```
<div id="sectionHome">
  ...
</div>
<div id="sectionFavouritePlaces">
  ...
</div>
<div id="sectionTajMahalDetailedView">
  <div class="detailed-view-bg-container">
    ...
    <button class="btn btn-dark" onclick="display('sectionFavouritePlaces')">
      back
    </button>
  </div>
</div>
```

Adding Onclick Attribute to the Button Output

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 dynamic combination of outside and inside, concave and convex and light shadow, such as arches and domes further increases the aesthetic aspect. Not a piece of architecture as other buildings are, but the proud passion of an emperor's love wrought in living stones.

back

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

Next Session

Website Integration (...Continued)

The image displays three screenshots of a tourism website:

- Landing Page:** Features a large image of a beach and ocean. Below it, the word "Tourism" is displayed in a large font, followed by the tagline "Plan your trip wherever you want to go". A blue "Get Started" button is at the bottom.
- Favourite places:** A section titled "Favourite places" containing four cards:
 - Taj Mahal:** Described as "The most beautiful building in the world".
 - Golden Temple:** Described as "A beautiful and highly spiritual Golden Temple".
 - Mysore Palace:** Described as "This Mysore Palace is a historical monument and the residence of Mysore".
 - Varanasi Temple:** Described as "The Varanasi Temple is a small Hindu temple dedicated to Lord Shiva".
- Detailed View:** A section titled "Detailed View" featuring a large image of the Taj Mahal. Below the image, a detailed description of the Taj Mahal is provided.

Detailed View Description (Taj Mahal):

The Taj Mahal is considered to be the greatest architectural achievement in the world and India. It is a white marble building of great beauty that has a rhythmic combination of solids and voids, curves and corners and light catches and highlights and corners further increases the aesthetic aspects. It is a piece of architecture, no other building is like. But the visual pleasure of an engineer is also right in being struck.



THANK YOU
