

# Website Integration - Part 2

Adding Multiple Carousels

list-style-type



Unordered List  
Ordered List

Static Website

## Tourism Website Integration



Home Section



Favourite Places  
Section



Taj Mahal  
Detailed View Section



## How to add Golden Temple Detailed View Section?



## Golden Temple Detailed View Section

### Steps:

- Add a Section Container with a **unique id**
- Add the Golden Temple Detailed View Section code to the Section Container
- Add **onclick** attribute to the Golden Temple Card



### Step 1

## Adding Section Container with Unique Id

HTML

```
<div id="sectionHome"> ... </div>
<div id="sectionFavouritePlaces"> ... </div>
<div id="sectionTajMahalDetailedView"> ... </div>
<div id="sectionGoldenTempleDetailedView">
</div>
```

### Step 2

## Adding Golden Temple Detailed View Section Code

HTML

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

## Adding onclick attribute to the Golden Temple Card

HTML

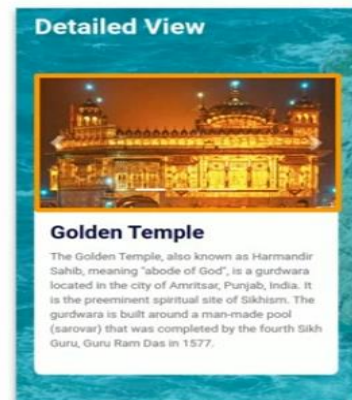
```
<div id="sectionHome"> ... </div>
<div id="sectionFavouritePlaces">
  ...
  <div class="favourite-place-card-container d-flex"
    onclick="display('sectionGoldenTempleDetailedView')">
    ...
  </div>
  ...
</div>
<div id="sectionTajMahalDetailedView"> ... </div>
<div id="sectionGoldenTempleDetailedView">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

Bootstrap

## Carousels



Carousel works



Carousel might not work as expected

Bootstrap

## Default Carousel Code

```
<div id="carouselExampleIndicators" class="carousel slide"
data-ride="carousel">
  <ol class="carousel-indicators">
    <li data-target="#carouselExampleIndicators" data-slide-to="0"
      class="active"></li>
    <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>
    <li data-target="#carouselExampleIndicators" data-slide-to="2"></li>
  </ol>
  ...
  <a class="carousel-control-prev" href="#carouselExampleIndicators"
    role="button" data-slide="prev">
    ...
  </a>
  <a class="carousel-control-next" href="#carouselExampleIndicators"
    role="button" data-slide="next">
    ...
  </a>
</div>
```



## Unique Carousel id

The ids of the HTML Elements should be unique

Provide unique Id for each Carousel Container

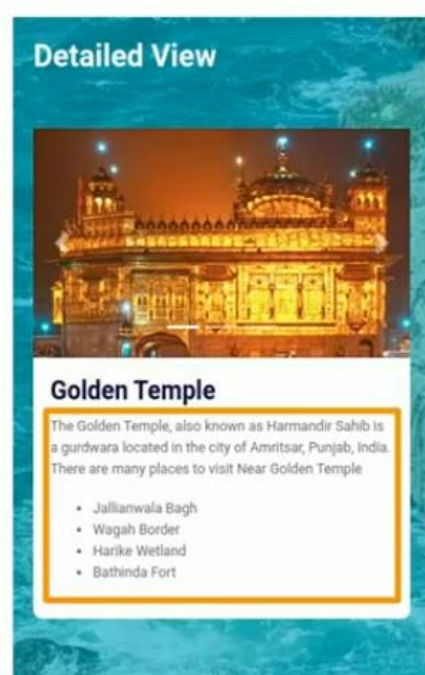
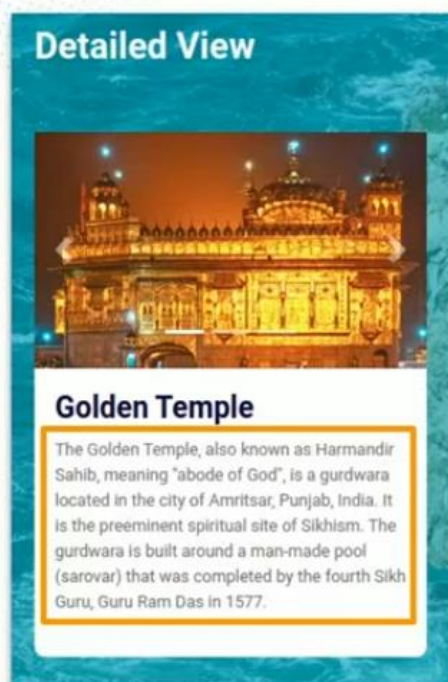
```
<div id="carouselExampleIndicators"
      class="carousel slide"
      data-ride="carousel">
  ...
</div>
```

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## Specifying Unique id

```
<div id="goldenTempleCarousel" class="carousel slide" data-ride="carousel">
  <ol class="carousel-indicators">
    <li data-target="#goldenTempleCarousel" data-slide-to="0"
        class="active"></li>
    <li data-target="#goldenTempleCarousel" data-slide-to="1"></li>
    <li data-target="#goldenTempleCarousel" data-slide-to="2"></li>
  </ol>
  ...
  <a class="carousel-control-prev" href="#goldenTempleCarousel"
      role="button" data-slide="prev">
    ...
  </a>
  <a class="carousel-control-next" href="#goldenTempleCarousel"
      role="button" data-slide="next">
    ...
  </a>
</div>
```

## How to Achieve This?



# HTML Lists

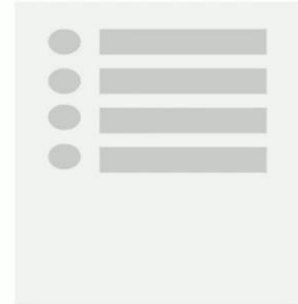


HTML

## Lists

List is a way to **group** related pieces of information, so that they are easy to read and understand

E.g. Shopping list, To-do list



HTML

## Lists

There are mainly two types of lists available in HTML

### Unordered List

- List item
- List item
- List item

### Ordered List

1. List item
2. List item
3. List item

HTML Lists

## Unordered List

- Painting
- Reading Books
- Playing Guitar



## Unordered List

Unordered list starts with  
`<ul>` tag

`<ul>` tag wraps around  
all the list items

Each list item starts with the  
`<li>` tag.

`<ul>``<li> list item </li>``<li> list item </li>``<li> list item </li>``</ul>`

HTML

## Unordered List

```
<ul class="detailed-view-card-description">
  <li> Jallianwala Bagh </li>
  <li> Wagah Border </li>
  <li> Harike Wetland </li>
  <li> Bathinda Fort </li>
</ul>
```

HTML

### Detailed View



#### Golden Temple

The Golden Temple, also known as Harmandir Sahib is a gurdwara located in the city of Amritsar, Punjab, India. There are many places to visit Near Golden Temple

- Jallianwala Bagh
- Wagah Border
- Harike Wetland
- Bathinda Fort

## Unordered List

By default,  
List Items in unordered Lists  
are marked with **bullets**.

- Jallianwala Bagh
- Wagah Border
- Harike Wetland
- Bathinda Fort

## Styling Unordered Lists

## Syntax

```
.unordered-list {  
  list-style-type: circle;  
}
```

CSS

```
<ul class="detailed-view-card-description unordered-list">  
  <li> Jallianwala Bagh </li>  
  <li> Wagah Border </li>  
  <li> Harike Wetland </li>  
  <li> Bathinda Fort </li>  
</ul>
```

HTML

- Jallianwala Bagh
- Wagah Border
- Harike Wetland
- Bathinda Fort

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Styling

## Unordered List

`list-style-type: square;`

- Jallianwala Bagh
- Wagah Border
- Harike Wetland
- Bathinda Fort

`list-style-type: disc;`

- Jallianwala Bagh
- Wagah Border
- Harike Wetland
- Bathinda Fort

`list-style-type: none;`

- Jallianwala Bagh
- Wagah Border
- Harike Wetland
- Bathinda Fort

HTML Lists

## Ordered List

1. HTML
2. CSS
3. JavaScript





## Ordered List

Ordered list starts with  
`<ol>` tag

`<ol>` tag wraps around all the  
list items

Each list item starts with the  
`<li>` tag.

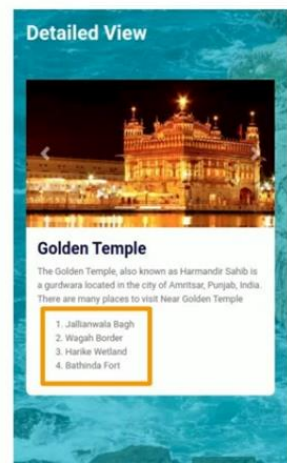
`<ol>``<li> list item </li>``<li> list item </li>``<li> list item </li>``</ol>`

HTML

## Ordered List

```
<ol class="detailed-view-card-description">  
  <li> Jallianwala Bagh </li>  
  <li> Wagah Border </li>  
  <li> Harike Wetland </li>  
  <li> Bathinda Fort </li>  
</ol>
```

HTML



## Ordered List

By default,  
List Items in ordered Lists  
are marked with **numbers**.

1. Jallianwala Bagh
2. Wagah Border
3. Harike Wetland
4. Bathinda Fort



## Ordered List

CSS

```
.ordered-list {  
  list-style-type: upper-alpha;  
}
```

HTML

```
<ol class="detailed-view-card-description ordered-list">  
  <li> Jallianwala Bagh </li>  
  <li> Wagah Border </li>  
  <li> Harike Wetland </li>  
  <li> Bathinda Fort </li>  
</ol>
```

- A. Jallianwala Bagh
- B. Wagah Border
- C. Harike Wetland
- D. Bathinda Fort

Styling

## Ordered List

`list-style-type: lower-roman;`

- i. Jallianwala Bagh
- ii. Wagah Border
- iii. Harike Wetland
- iv. Bathinda Fort

`list-style-type: lower-alpha;`

- a. Jallianwala Bagh
- b. Wagah Border
- c. Harike Wetland
- d. Bathinda Fort

Website Integration - Part 2

## Key Takeaways

- Adding Multiple Carousels using Bootstrap
- HTML Lists
  - Ordered Lists
  - Unordered Lists
- Styling Lists using CSS
  - list-style-type

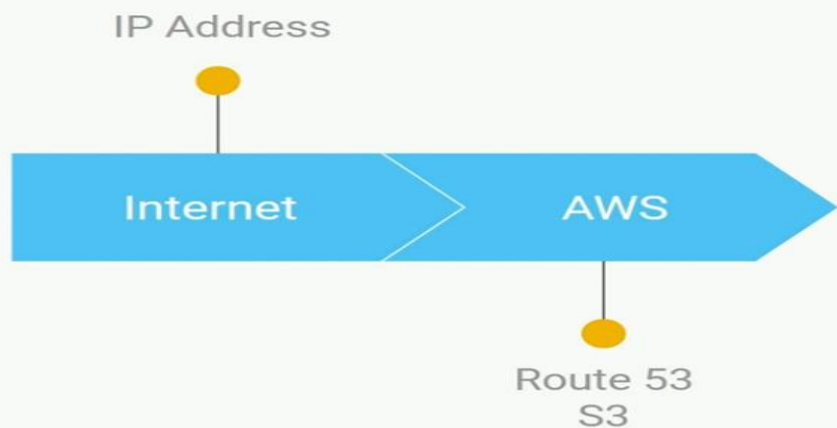


# Website

## Behind the Scenes

### Agenda

## Website: Behind The Scenes



Connecting devices

### Internet

The Internet is a public global network of billions of computers and devices



Connecting devices

### Billions of Devices

~ 22 billion devices  
are connected to the Internet world-wide



## IP Address

## IP Address

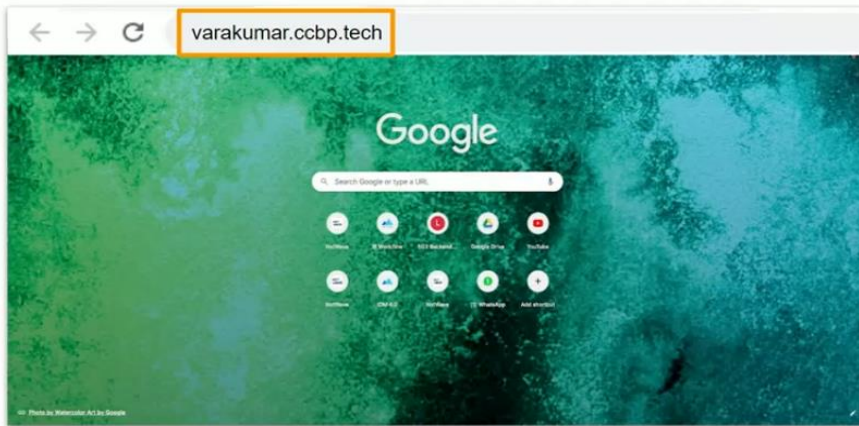


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Browser

## Website URL



Chrome



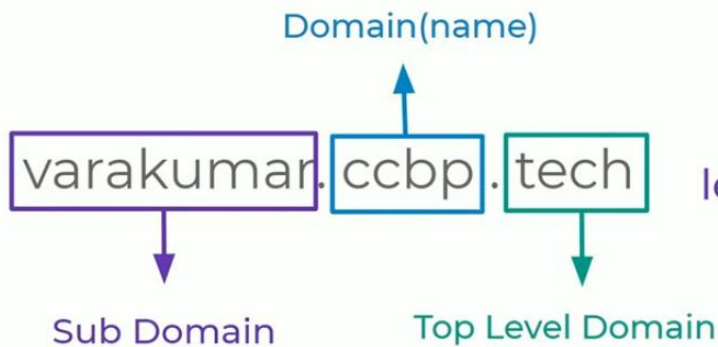
Safari



Firefox

Browser

## Domain



[www.google.com](http://www.google.com)

[www.amazon.in](http://www.amazon.in)

[learning.onthegomodel.com](http://learning.onthegomodel.com)

Browser

## Domain

Name	Number
John dou	8546522587
Anthony	8462578989
Amith	9545235352

Name	IP Address
<a href="http://www.google.com">www.google.com</a>	191.12.161.2
<a href="http://www.facebook.com">www.facebook.com</a>	191.21.151.4
<a href="http://www.amazon.in">www.amazon.in</a>	191.31.23.86

DNS

## Domain Name System

The Domain Name System (DNS) is the phonebook of the Internet.

DNS translates domain names to IP addresses so browsers can load Internet resources.



Name	IP Address
www.google.com	191.12.161.2
www.facebook.com	191.21.151.4
www.amazon.in	191.31.23.86

Amazon

## Route 53

Amazon Route 53 is a highly available and scalable cloud **Domain Name System** (DNS) web service.



Amazon Route 53

DNS

## Mapping



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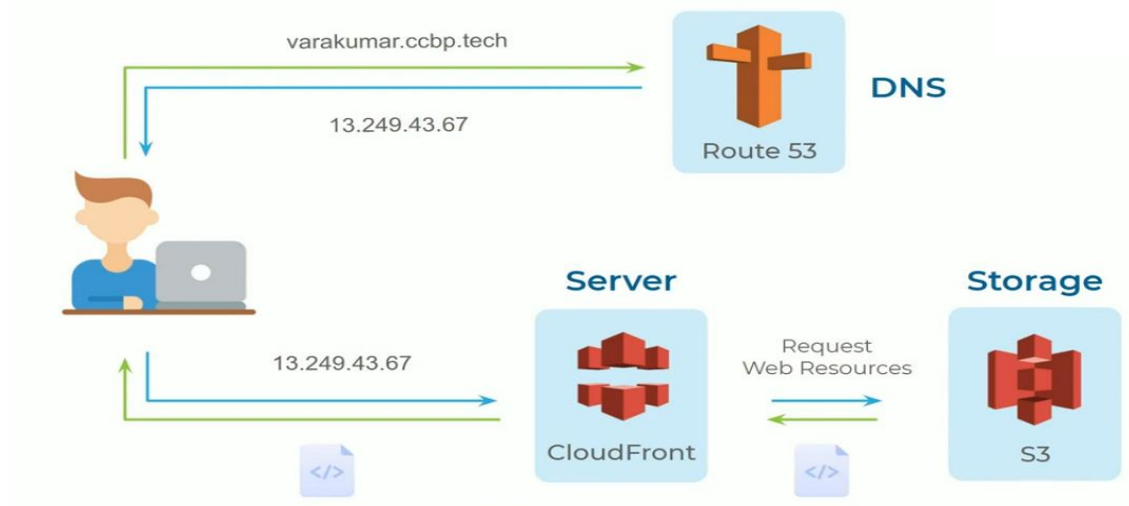


13.249.43.67



Amazon Route 53

## Behind the Scenes



### Amazon Web Services

## Simple Storage Service(S3)

Everyone has their **own dedicated folder** in Amazon S3 to maintain their website



### 143 HTML

## Elements

- Heading - h1
- Paragraph - p
- Button - button
- Container - div
- Image - img
  - src Attribute

- HTML Lists
  - Unordered List - ul
  - Ordered List - ol
  - List Item - li

### HTML

## Attributes

- class
- id
- onclick



CSS

## Text Properties

- color
- font-size
- font-family
- font-weight
- font-style
- text-decoration
- text-align

CSS

## Background Properties

- background-color
- background-image
- background-size

CSS

## Box Properties

- height
- width
- margin
- padding
- border
  - border-radius
  - border-width
- border-radius
  - border-top-left-radius
  - border-top-right-radius
  - border-bottom-left-radius
  - border-bottom-right-radius

Bootstrap

## Flexbox Class Names

- d-flex
- flex-row
- flex-column
- justify-content-start
- justify-content-center
- justify-content-end

377 Reusability

## Components & Utilities

Bootstrap

- Buttons
- Carousel
- Video Embed
  - Youtube Video

# Key Takeaways

- Internet
  - IP Address
  - DNS Server
- Amazon Web Services
  - Route 53
  - S3

