

# #Day01 of Responsive website

## 1.Creating Multiple Column Layouts

```
<!DOCTYPE html>
<html>
  <head>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.
min.css"
integrity="sha384-JcKb8q3iqJ61gNV9KGb8thSsNjpSL0n8PARn9HuZOnIxN0hoP+Vmm
DGMN5t9UJ0Z" crossorigin="anonymous">
    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUe
w+OrCXaRkfj" crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.
js"
integrity="sha384-9/reFTGAW83EW2RDu2S0VKA1zap3H66lZH81PoYlFhbGU+6BZp6G7
niu735Sk7lN" crossorigin="anonymous"></script>
    <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.mi
n.js"
integrity="sha384-B4gtl1jrGC7Jh4AgTPSdUtOBvf08shuf57BaghqFfPLYxofvL8/KUE
fYiJOMMV+rV" crossorigin="anonymous"></script>
  </head>
  <body>
    <div class="container">
      <div class="row">
        <div class="col-8">
          <h1 class="heading">Taj Mahal</h1>
          <p>
            The Taj Mahal is an ivory-white marble mausoleum on the
southern
            bank of the river Yamuna in the Indian city of Agra.
          </p>
        </div>
        <div class="col-4">
          <h1 class="heading">Mysore Palace</h1>
          <p>
```

```

        The Mysore Palace is a historical palace and the royal
residence at
        Mysore in the Indian State of Karnataka.
    </p>
</div>
</div>
</div>
</body>
</html>

```

## CSS

```

@import
url('https://fonts.googleapis.com/css2?family=Bree+Serif&family=Caveat:
wght@400;700&family=Lobster&family=Monoton&family=Open+Sans:ital,wght@0
,400;0,700;1,400;1,700&family=Playfair+Display+SC:ital,wght@0,400;0,700
;1,700&family=Playfair+Display:ital,wght@0,400;0,700;1,700&family=Robot
o:ital,wght@0,400;0,700;1,400;1,700&family=Source+Sans+Pro:ital,wght@0,
400;0,700;1,700&family=Work+Sans:ital,wght@0,400;0,700;1,700&display=sw
ap');

.heading {
    font-size: 24px;
    font-weight: bold;
}

```

## 2.Column wrapping

```

<!DOCTYPE html>
<html>
    <head>
        <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.
min.css"
integrity="sha384-JcKb8q3iqJ61gNV9KGb8thSsNjpsL0n8PARn9HuZOnIxN0hoP+Vmm
DGMN5t9UJ0Z" crossorigin="anonymous"/>

```

```
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUe
w+OrCXaRkfj" crossorigin="anonymous"></script>

<script
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.
js"
integrity="sha384-9/reFTGAW83EW2RDu2S0VKAIZap3H66lZH81PoYlFhbGU+6BZp6G7
niu735Sk7lN" crossorigin="anonymous"></script>

<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.mi
n.js"
integrity="sha384-B4gt1jrGC7Jh4AgTPSdUtOBvfO8shuf57BaghqFfPLYxofvL8/KUE
fYiJOMMV+rV" crossorigin="anonymous"></script>

</head>
<body>
  <div class="container">
    <div class="row">
      <div class="col-6">
        <h1 class="heading">Taj Mahal</h1>
        <p>The Taj Mahal is on the southern bank of the river
Yamuna.</p>
      </div>
      <div class="col-6">
        <h1 class="heading">Mysore Palace</h1>
        <p>
          The Mysore Palace is a historical palace and the royal
residence at
          Mysore.
        </p>
      </div>
      <div class="col-6">
        <h1 class="heading">Golden Temple</h1>
        <p>The Golden Temple is a gurdwara located in the city of
Amritsar.</p>
      </div>
      <div class="col-6">
        <h1 class="heading">Varanasi</h1>
        <p>Varanasi is also known as Benares or Kashi. It is a city
located on the bank of the river Ganges in Uttar Pradesh.</p>
      </div>
    </div>
  </div>
</body>
```

```
</html>
```

## CSS

```
@import
url("https://fonts.googleapis.com/css2?family=Bree+Serif&family=Caveat:
wght@400;700&family=Lobster&family=Monoton&family=Open+Sans:ital,wght@0
,400;0,700;1,400;1,700&family=Playfair+Display+SC:ital,wght@0,400;0,700
;1,700&family=Playfair+Display:ital,wght@0,400;0,700;1,700&family=Robot
o:ital,wght@0,400;0,700;1,400;1,700&family=Source+Sans+Pro:ital,wght@0,
400;0,700;1,700&family=Work+Sans:ital,wght@0,400;0,700;1,700&display=sw
ap");

.heading {
  font-size: 24px;
  font-weight: bold;
}
```

## 3. The Layout at different Breakpoints

Bootstrap provides different **Bootstrap Grid Column class name prefixes** for Five Responsive Tiers (Responsive Breakpoints).

Device	Device Size (Width)	Class Name Prefix
Extra small devices	<576px	col-
Small devices	>=576px	col-sm-
Medium devices	>=768px	col-md-
Large devices	>=992px	col-lg-
Extra large devices	>=1200px	col-xl-

## 4.class names in combinations

```
<!DOCTYPE html>
<html>
  <head>
    <link rel="stylesheet"
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min.css"
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js"
integrity="sha384-9/reFTGAW83EW2RDu2S0VKA1Izap3H66lZH81PoYlFhbGU+6BZp6G7
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integrity="sha384-B4gtl1jrGC7Jh4AgTPSdUtOBvfO8shuf57BaghqFfPlYxofvL8/KUE
fYiJOMMV+rV" crossorigin="anonymous"></script>
  </head>
  <body>
    <div class="container">
      <div class="row">
        <div class="col-12 col-lg-6">
          <h1 class="heading">Taj Mahal</h1>
          <p>The Taj Mahal is on the southern bank of the river
Yamuna.</p>
        </div>
        <div class="col-12 col-lg-6">
          <h1 class="heading">Mysore Palace</h1>
          <p>
            The Mysore Palace is a historical palace and the royal
residence at
            Mysore.
          </p>
        </div>
        <div class="col-12 col-lg-6">
          <h1 class="heading">Golden Temple</h1>
```

```

        <p>The Golden Temple is a gurdwara located in the city of
Amritsar.</p>
    </div>
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,400;0,700;1,400;1,700&family=Playfair+Display+SC:ital,wght@0,400;0,700
;1,700&family=Playfair+Display:ital,wght@0,400;0,700;1,700&family=Robot
o:ital,wght@0,400;0,700;1,400;1,700&family=Source+Sans+Pro:ital,wght@0,
400;0,700;1,700&family=Work+Sans:ital,wght@0,400;0,700;1,700&display=sw
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