

Tutorial-01

1. Design html page to get below given output using bootstrap css.



Answer:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Tutorial-01</title>

  <!--CSS Link-->
  <link href="css/bootstrap.min.css" rel="stylesheet">

  <!--JS Link-->
  <script src="js/bootstrap.min.js"></script>
  <script src="js/bootstrap.bundle.js"></script>

</head>
<body>
  <div class="container-fluid px-4 mt-4">

    <div class="row ">
      <div class="col-md-6 gx-3">
        <div class="p-3 border border-primary" style="background-color:blue;"></div>
      </div>
      <div class="col-md-6">
        <div class="p-3 border border-primary" style="background-color:blue;"></div>
      </div>
    </div>

    <div class="row ">
      <div class="col-md-4">
        <div class="p-3 border border-primary" style="background-color:yellow;"></div>
      </div>
      <div class="col-md-4">
        <div class="p-3 border border-primary" style="background-color:yellow;"></div>
      </div>
      <div class="col-md-4">
        <div class="p-3 border border-primary" style="background-color:yellow;"></div>
      </div>
    </div>

    <div class="row ">
      <div class="col-md-6">
        <div class="p-3 border border-primary" style="background-color:green;"></div>
      </div>
      <div class="col-md-6">
        <div class="p-3 border border-primary" style="background-color:lightgreen;"></div>
      </div>
    </div>

    <div class="row ">
      <div class="col-md-3">
        <div class="p-3 border border-primary" style="background-color:orange;"></div>
      </div>
      <div class="col-md-3">
        <div class="p-3 border border-primary" style="background-color:orange;"></div>
      </div>
      <div class="col-md-3">
        <div class="p-3 border border-primary" style="background-color:orange;"></div>
      </div>
      <div class="col-md-3">
        <div class="p-3 border border-primary" style="background-color:orange;"></div>
      </div>
    </div>

    <div class="row ">
      <div class="col-12">
        <div class="p-3 border border-primary" style="background-color:gray;"></div>
      </div>
    </div>
  </div>
</body>
</html>
```

```
</div>

<div class="row gx-3 mt-2">
  <div class="col-md-4">
    <div class="p-4 border border-warning" style="background-color:yellow;"></div>
  </div>
  <div class="col-md-4">
    <div class="p-4 border border-warning" style="background-color:yellow;"></div>
  </div>
  <div class="col-md-4">
    <div class="p-4 border border-warning" style="background-color:yellow;"></div>
  </div>
</div>

<div class="row gx-3 mt-2">
  <div class="col-md-8">
    <div class="p-4 border border-success" style="background-color:green;"></div>
  </div>
  <div class="col-md-4">
    <div class="p-4 border border-success" style="background-color:lightgreen;"></div>
  </div>
</div>

<div class="row gx-3 mt-2">
  <div class="col-md-3">
    <div class="p-4 border border-warning" style="background-color:orange;"></div>
  </div>
  <div class="col-md-3">
    <div class="p-4 border border-warning" style="background-color:orange;"></div>
  </div>
  <div class="col-md-3">
    <div class="p-4 border border-warning" style="background-color:orange;"></div>
  </div>
  <div class="col-md-3">
    <div class="p-4 border border-warning" style="background-color:orange;"></div>
  </div>
</div>

<div class="row gx-3 mt-2">
  <div class="col">
    <div class="p-3 border border-secondary" style="background-color:gray;"></div>
  </div>
</div>

</body>
</html>
```

Output:

2. Use a Bootstrap class to style the table properly and get the following output (with padding and horizontal dividers).

Firstname	Lastname	Email
John	Doe	john@example.com
Mary	Moe	mary@example.com
July	Dooley	july@example.com

Add zebra-stripes to the table.

Add borders on all sides of the table and cells.

Enable a hover state on table rows.

Make the table more compact by cutting cell padding in half.

Use contextual classes to add the following:

Green color to the table row containing John.

Red color to the table row containing Mary.

Orange color to the last table row.

Answer:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Tutorial-01</title>

  <!--CSS Link-->
  <link href="css/bootstrap.min.css" rel="stylesheet">
```

```
<!--JS Link-->
<script src="js/bootstrap.min.js"></script>
<script src="js/bootstrap.bundle.js"></script>

</head>
<body>
  <!-- <div class="container-fluid mt-5">
    <div class="row justify-content-center">
      <div class="col-md-8"> -->
        <table class="table table-bordered table-striped table-hover table-condensed">

          <thead>
            <tr>
              <th scope="col">Firstname</th>
              <th scope="col">Lastname</th>
              <th scope="col">Email</th>
            </tr>
          </thead>

          <tbody>
            <tr class="bg-success">
              <td>John</td>
              <td>Doe</td>
              <td>john@example.com</td>
            </tr>
            <tr class="bg-danger">
              <td>Mary</td>
              <td>Moe</td>
              <td>mary@example.com</td>
            </tr>
            <tr class="bg-warning">
              <td>July</td>
              <td>Dooley</td>
              <td>july@example.com</td>
            </tr>
          </tbody>

        </table>

      <!-- </div>
    </div>
  </div> -->
</body>
</html>
```

Output:

Firstname	Lastname	Email
John	Doe	john@example.com
Mary	Moe	mary@example.com
July	Dooley	july@example.com

3. Bootstrapping with Buttons.

- Use a Bootstrap class to style the button properly with a red color.**
- Change the size of the buttons in the following order: large, medium, small and xsmall.**
- Make the button span the entire width of the parent element.**
- Use a Bootstrap class to disable the button.**

Answer:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Tutorial-01</title>

  <!--CSS Link-->
  <link href="css/bootstrap.min.css" rel="stylesheet">

  <!--JS Link-->
  <script src="js/bootstrap.min.js"></script>
  <script src="js/bootstrap.bundle.js"></script>

</head>
<body>
  <!-- <div class="container">
    <button type="button" class="btn btn-primary btn-lg">Primary</button>

    <button type="button" class="btn btn-secondary btn-md">Secondary</button>

    <button type="button" class="btn btn-success btn-sm">Success</button>
```

```
<button type="button" class="btn btn-danger btn-xs">xsmall</button>

<button type="button" class="btn btn-primary" disabled>Disabled</button>
</div> -->
<div class="container-fluid mt-5 d-flex">
  <div class="row">
    <div class="col">
      <button type="button" class="btn btn-primary btn-lg ">Large</button>
    </div>
    <div class="col">
      <button type="button" class="btn btn-secondary btn-md">Medium</button>
    </div>
    <div class="col">
      <button type="button" class="btn btn-success btn-sm">Small</button>
    </div>
    <div class="col">
      <button type="button" class="btn btn-danger btn-xs disabled">xSmall</button>
    </div>
  </div>
</div>
<!-- <div class="container btn-group d-flex" role="group">
  <button type="button" class="btn btn-danger">Button</button>
  <button type="button" class="btn btn-primary btn-lg ">Button Large </button>
  <button type="button" class="btn btn-success btn-lg">Button Large </button>
  <button type="button" class="btn btn-info btn-sm">Button Small </button>
  <button type="button" class="btn btn-warning btn-sm">Button Small </button>

  <button type="button" class="btn btn-danger disabled">Button Disabled</button>
</div> -->
</body>
</html>
```

Output:

4. Style the below given html form using bootstrap to get the output shown below.

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="UTF-8">
  <title>Exercise #6: Simple form</title>
</head>
<body>
<form action="#">
  <div>
    <label for="first_name">First name:</label>
    <input type="text" name="first_name" id="first_name"/>
  </div>
  <div>
    <label for="last_name">Last name:</label>
    <input type="text" name="last_name" id="last_name"/>
  </div>
  <div>
    <label><input type="radio" name="gender" value="male"/>male</label>
    <label><input type="radio" name="gender" value="female"/>female</label>
  </div>
  <div>
    <label for="birth_date">Date of birth:</label>
    <input type="date" name="birth_date" id="birth_date"/>
  </div>
  <input type="submit" value="Add"/>
</form>
</body>
</html>
```

First name:

Last name:

☐ male ☐ female

Date of birth:

Answer:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Exercise #6: Simple form</title>
  <!--CSS Link-->
  <link href="css/bootstrap.min.css" rel="stylesheet">

  <!--JS Link-->
  <!-- <script href="js/bootstrap.min.js"></script> -->
  <script src="js/bootstrap.min.js"></script>
  <script src="js/bootstrap.bundle.js"></script>
</head>
<body>
  <!-- <div class="container-fluid mt-5">
    <div class="row justify-content-center">
      <div class="col-md-4">

        <form action="#">

          <div class="row p-2">

            <label for="first_name" class="form-label">First name:</label>

            <input class="form-control" type="text" name="first_name" id="first_name" />

          </div>

          <div class="row p-2">

            <label for="last_name" class="form-label">Last name:</label>

            <input class="form-control" type="text" name="last_name" id="last_name" />

          </div>

          <div class="row p-2">

            <label class="form-label"> <input type="radio" class="form-check-input" name="gender"
value="male" /> male</label>

            <label class="form-label"> <input type="radio" class="form-check-input" name="gender"
value="female" /> female</label>

          </div>

```



```
<div class="row p-2">

    <label for="birth_date" class="form-label">Date of birth:</label>

    <input type="date" class="form-control" name="birth_date" id="birth_date" />

</div>
<div class="row pt-2">
    <div class="col-md-3">
        <input class="bg-primary text-white form-control" type="submit" value="Add" />
    </div>
</div>

</form>
</div>
</div>
</div> -->
<form action="#">
    <div class="container">
        <div class="form-group">
            <label for="first_name" class="form-group font-weight-bold">First name:</label>
            <input type="text" class="form-control" name="first_name" id="first_name"/>

        </div>

        <div class="form-group">

            <label for="last_name" class="form-group font-weight-bold">Last name:</label>
            <input type="text" class="form-control" name="last_name" id="last_name"/>

        </div>

        <div >

            <label><input type="radio" name="gender" value="male" class="form-group"/>male</label>

            <label><input type="radio" name="gender" value="female" class="form-group"/>female</label>

        </div>

        <div>

            <label for="birth_date" class="form-text font-weight-bold">Date of birth:</label>

            <input type="date" name="birth_date" class="form-control " id="birth_date"/>

        </div>
    </div>
```

```
<input type="submit" class="btn btn-primary form-text" value="Add"/>
</div>

</div>
</form>
</body>
</html>
```

Output:

First name:

Last name:

☐ male ☐ female

Date of birth:

Add