

Basics of Bootstrap & Understanding Programming in Bootstrap

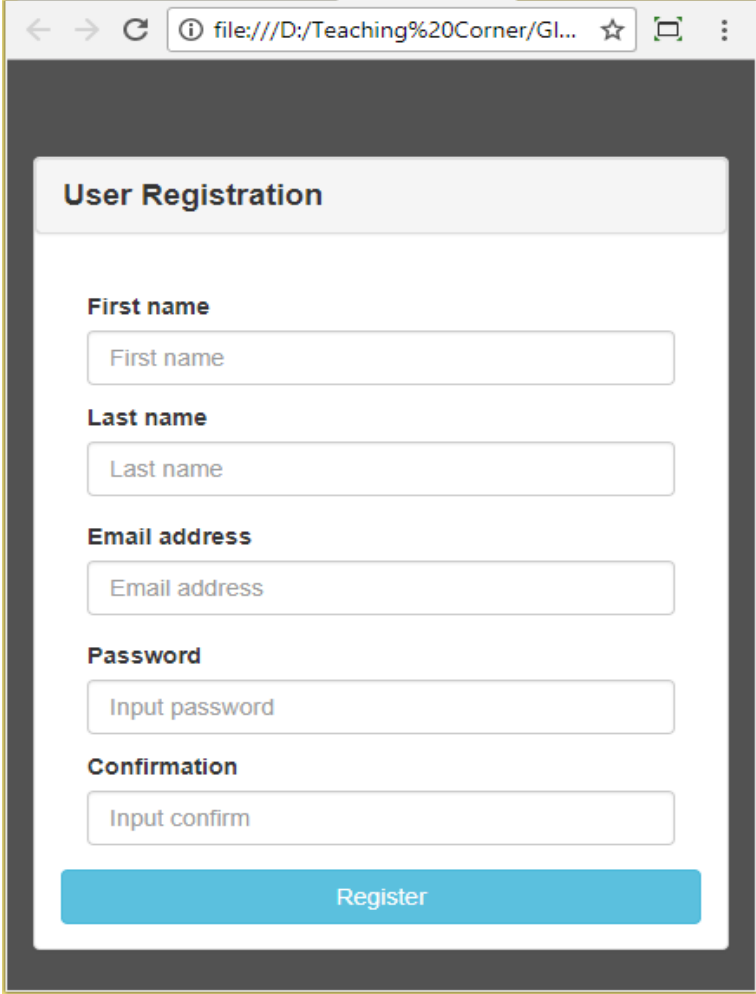
A. OBJECTIVES:

Student can create a first basic website with Bootstrap class.

- Write programs in Bootstrap
- Apply CSS and JavaScript to Bootstrap components

B. EXERCISES

1. Create Register.html file with the following interface:



The image shows a web browser window displaying a 'User Registration' form. The form is styled with a dark gray background and a white registration box. It includes input fields for 'First name', 'Last name', 'Email address', 'Password', and 'Confirmation', each with a placeholder text. A blue 'Register' button is at the bottom. The browser's address bar shows the file path: file:///D:/Teaching%20Corner/Gl...

Figure 1.1

➤ **Step 1:** add the following code in head tag

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```
<title>Exercise 1</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"></script>
<script src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/js/bootstrap.min.js"></script>
<style type="text/css">
    body{
        background-color: #525252;
    }
    .container{
        margin-top: 60px;
    }
    .txt
    {
        color:#FFF;
        font-weight:bold;
        font-size:18px
    }
</style>
```

➤ **Step 2:** Type the following code

```
<div class="container">
    <div class="row">
        <div class="col-md-4 col-md-offset-4 col-sm-4 col-sm-offset-4">
            <div class="panel panel-default">
                <div class="panel-heading txt">User Registration</div>
                <div class="panel-body">
                    <form action="#">
                        <div class="form-group">
                            <p class="col-md-12 col-sm-6">
                                <label for="firstname" class="hidden-sm">First name</label>
                                <input type="text" id = "firstname" class="form-control" placeholder = "First name"/>
                            </p>
                            <p class="col-md-12 col-sm-6">
                                <label for="lastname" class="hidden-sm">Last name</label>
                                <input type="text" id = "lastname" class="form-control" placeholder = "Last name"/>
                            </p>
                        </div>
                        <div class="form-group">
                            <p class="col-md-12 col-sm-12">
                                <label for="email" class="hidden-sm">Email address</label>
                                <input type="text" id="email" class="form-control" placeholder="Email address"/>
                            </p>
                        </div>
                        <div class="form-group">
                            <p class="col-md-12 col-sm-6">
                                <label for="password" class="hidden-sm">Password</label>
                                <input type="text" id = "password" class="form-control" placeholder="Input password" />
                            </p>
                            <p class="col-md-12 col-sm-6">
                                <label for="confirm" class="hidden-sm">Confirmation</label>
                                <input type="text" id = "confirm" class="form-control" placeholder="Input confirm"/>
                            </p>
                        </div>
                        <input type="submit" value="Register" class="btn btn-info btn-block"/>
                    </form>
                </div>
            </div>
        </div>
    </div>
</div>
```

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2. Create index page as the following picture

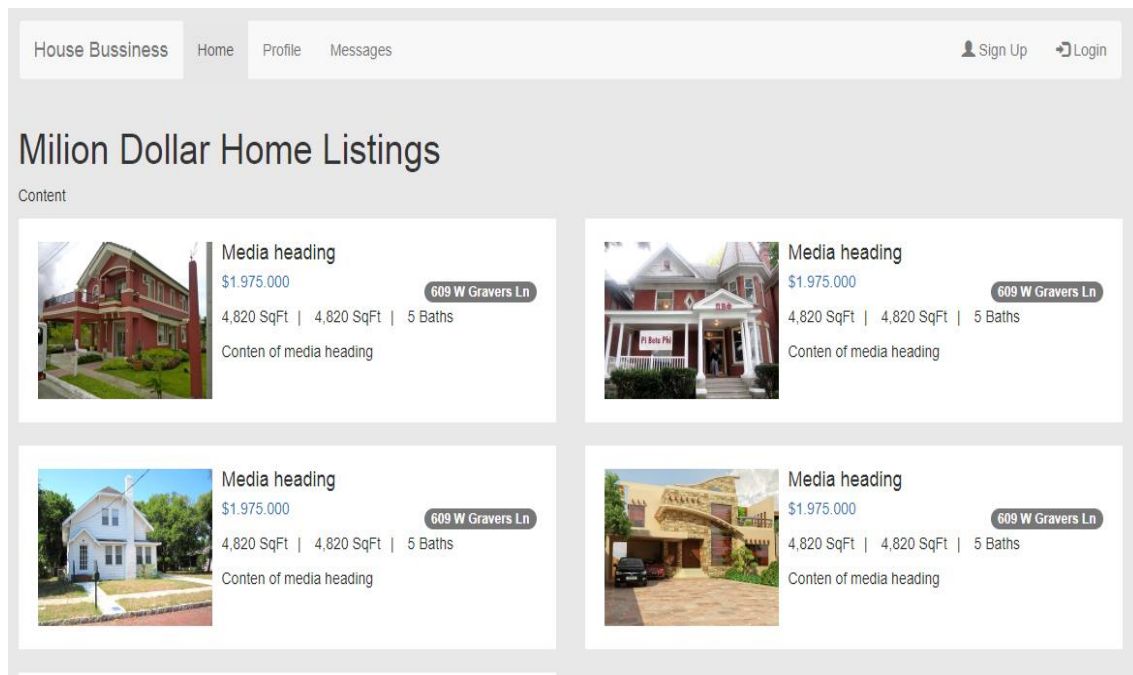


Figure 1.2

Hint:

<head>

```
<title>Exercise 5</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"></script>
<script src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/js/bootstrap.min.js"></script>
<style type="text/css">
/*
    B5 : Sử dụng CSS định dạng . Tôi xin giải thích 1 chút
    Phần body : Định dạng màu nền
    Phần quan trọng nhất đó là Media . Cụ thể như sau:
    Ở @media >990px Chúng ta định dạng image ở max-width là 180px vì nếu lớn hơn nó sẽ tràn nội dung ở
    Screen MD
    Ở @media <990px Nếu những chế độ màn hình nhỏ hơn . Chúng ta sẽ chúng ta sẽ không hiển thị thẻ p
    trong class House và thẻ a trong class media-body
*/
body{
    background-color: #e8e8e8;
}
.container-fluid{
    margin-top: 30px;
}
```

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```
.house{
  background-color: #fff;
  padding: 20px;
  float: left;
  margin-bottom: 20px;
}
.house .media-body .list-inline{
  margin-top: 10px;
}
.house .media-body span{
  margin-top: 10px;
}
@media screen and (min-width: 990px){
  .house img{
    max-width: 180px;
  }
}
@media screen and (max-width: 990px){
  .container .house p{
    display: none;
  }
  .container .house .media-body a{
    display: none;
  }
}
</style>
</head>
```

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<body>

```
<!--B1 Tạo div với class container-fluid hoặc chỉ cần container cũng được. Các bạn nhớ chạy thử trước để
xem kết quả giao diện. Nhớ resize để xem sự thay đổi.Chúng ta có 2 phần. 1 phần heading và 1 phần content
nên tôi tạo 2 thẻ row. Trong phần content chúng ta có 2 columns nên tôi tạo 2 thẻ div với class col-md-6
mỗi columns.-->
<div class="container-fluid">
  <div class="container">
    <!-- Navigation bar -->
    <nav class="navbar navbar-default"> <!--.navbar-inverse-->
      <div class="navbar-header">
        <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
          <span class="icon-bar"></span>
          <span class="icon-bar"></span>
          <span class="icon-bar"></span>
        </button>
        <a class="navbar-brand" href="#">House Bussiness</a>
      </div>
      <div class="collapse navbar-collapse" id="myNavbar">
        <ul class="nav navbar-nav">
          <li class="active"><a href="#">Home</a></li>
          <li><a href="#">Profile</a></li>
          <li><a href="#">Messages</a></li>
        </ul>
        <ul class="nav navbar-nav navbar-right">
          <li><a href="exercisel.html"><span class="glyphicon glyphicon-user"></span> Sign Up</a></li>
          <li><a href="#"><span class="glyphicon glyphicon-log-in"></span> Login</a></li>
        </ul>
      </div>
    </nav> <!-- END Nav-->
```

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```
<!-- ROW 1 - Title-->
<div class="row heading">
  <div class="title col-md-12">
    <h1>Milion Dollar Home Listings</h1>
    <p>Content</p>
  </div>

</div>
<!-- ROW 2 - Content-->
<div class="row content">
  <!-- Content COL 1-->
  <div class="col-md-6">
    <div class="house">
      <!--B2 : Các bạn có thể quan sát tôi sử dụng component MEDIA để chứa thông tin
            Bên phải là Image. Bên trái là content-->
      <!-- B3 : Để tạo MEDIA component chúng ta làm từng bước. Tạo div với class media-->
      <div class="media">
        <!-- Một div với class Pull-left chứa 1 image và 1 div với class media-body để chứa nội
            dung như bên dưới-->
        <div class="pull-left">
          <a href="#">
            
          </a>
        </div>
        <!-- Div media-body-->
        <div class="media-body">
          <!-- Trong media-body tôi sử dụng 1 heading là thẻ h4 và vùng mô tả chi tiết sản phẩm
            là thẻ p. Thẻ h4 với class media-heading có chứa 1 class hidden-xs có nghĩa sẽ ẩn
            nội dung này khi screen ở dạng Phone(Nhỏ nhất)
          -->
          <h4 class="media-heading hidden-xs">Media heading</h4>
          <a href="#">$1.975.000</a>
          <span class="badge pull-right">609 W Gravers Ln</span>
          <ul class="list-inline">
            <li>4,820 SqFt</li><li>|</li>
            <li>4,820 SqFt</li><li>|</li>
            <li>5 Baths</li>
          </ul>
          <p>Conten of media heading</p>
        </div>
      </div>
    </div>
  </div>
</div>
```

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```
<!--B4 : Copy cho những nội dung còn lại. Nhu mô tả bên dưới -->
<div class="house">
  <div class="media">
    <div class="pull-left">
      <a href="#">
        
      </a>
    </div>
    <div class="media-body">
      <h4 class="media-heading hidden-xs">Media heading</h4>
      <a href="#">$1.975.000</a>
      <span class="badge pull-right">609 W Gravers Ln</span>
      <ul class="list-inline">
        <li>4,820 SqFt</li><li>|</li>
        <li>4,820 SqFt</li><li>|</li>
        <li>5 Baths</li>
      </ul>
      <p>Conten of media heading</p>
    </div>
  </div>
</div>

<div class="house">
  <div class="media">
    <div class="pull-left">
      <a href="#">
        
      </a>
    </div>
    <div class="media-body">
      <h4 class="media-heading hidden-xs">Media heading</h4>
      <a href="#">$1.975.000</a>
      <span class="badge pull-right">609 W Gravers Ln</span>
      <ul class="list-inline">
        <li>4,820 SqFt</li><li>|</li>
        <li>4,820 SqFt</li><li>|</li>
        <li>5 Baths</li>
      </ul>
      <p>Conten of media heading</p>
    </div>
  </div>
</div>
</div>
```

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```
<!-- Content COL 2-->
<!-- Chúng ta cũng copy 1 vài nội dung trên xuống col2 là xong-->
<div class="col-md-6">
  <div class="house">
    <div class="media">
      <div class="pull-left">
        <a href="#">
          
        </a>
      </div>
      <div class="media-body">
        <h4 class="media-heading hidden-xs">Media heading</h4>
        <a href="#">$1.975.000</a>
        <span class="badge pull-right">609 W Gravers Ln</span>
        <ul class="list-inline">
          <li>4,820 SqFt</li><li>|</li>
          <li>4,820 SqFt</li><li>|</li>
          <li>5 Baths</li>
        </ul>
        <p>Conten of media heading</p>
      </div>
    </div>
  </div>

  <div class="house">
    <div class="media">
      <div class="pull-left">
        <a href="#">
          
        </a>
      </div>
      <div class="media-body">
        <h4 class="media-heading hidden-xs">Media heading</h4>
        <a href="#">$1.975.000</a>
        <span class="badge pull-right">609 W Gravers Ln</span>
        <ul class="list-inline">
          <li>4,820 SqFt</li><li>|</li>
          <li>4,820 SqFt</li><li>|</li>
          <li>5 Baths</li>
        </ul>
        <p>Conten of media heading</p>
      </div>
    </div>
  </div>
</div>
</div>
</div>
</div>
</div>
</body>
```