Practical 1

Aim: - Spicing up the Bootstrap Carousel with CSS3 Animations.

HTML, JS CODE:

```
<!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">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/4.0.0-
beta.2/css/bootstrap.css">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/animate.css/3.5.2/animate.min.css
">
    <link rel="stylesheet" href="index.css">
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></scri
pt>
    <script src="https://unpkg.com/popper.js"> </script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/twitter-
bootstrap/4.0.0-beta/js/bootstrap.min.js"></script>
    <title>Practical 1</title>
</head>
<body>
    <div class="container"></div>
        <div class="row">
          <div class="col">

            <!-- carousel code -->
            <div id="carouselExampleIndicators" class="carousel slide">
              <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>
              <div class="carousel-inner skyblue">

                <!-- first slide -->
                <div class="carousel-item active skyblue">
                  <div class="carousel-caption d-md-block">
                    <h3 data-animation="animated bounceInLeft">
                    SY BSC CS - A
                    </h3>
```

```
                    <h3 data-animation="animated bounceInRight">
                   Slide One
                    </h3>
                    <button class="btn btn-primary btn-lg" data-
animation="animated zoomInUp">First</button>
                  </div>
                </div>

                <!-- second slide -->
                <div class="carousel-item skyblue">
                  <div class="carousel-caption d-md-block">
                    <h3 class="icon-container" data-animation="animated
bounceInDown">
                      CLASS
                    </h3>
                    <h3 data-animation="animated bounceInUp">
                      SY BSC CS - B
                    </h3>
                    <button class="btn btn-primary btn-lg" data-
animation="animated zoomInRight">Second</button>
                  </div>
                </div>

                <!-- third slide -->
                <div class="carousel-item skyblue">
                  <div class="carousel-caption d-md-block">
                    <h3 class="icon-container" data-animation="animated
zoomInLeft">
                      DEPARTMENT
                    </h3>
                    <h3 data-animation="animated flipInX">
                    COMPUTER SCIENCE
                    </h3>
                    <button class="btn btn-primary btn-lg" data-
animation="animated lightSpeedIn">Third</button>
                  </div>
                </div>
              </div>

              <!-- controls -->
              <a class="carousel-control-prev"
href="#carouselExampleIndicators" role="button" data-slide="prev">
          <span class="carousel-control-prev-icon" aria-hidden="true"></span>
          <span class="sr-only">Previous</span>
        </a>
              <a class="carousel-control-next"
href="#carouselExampleIndicators" role="button" data-slide="next">
          <span class="carousel-control-next-icon" aria-hidden="true"></span>
```

```
          <span class="sr-only">Next</span>
        </a>
            </div>
          </div>
        </div>
      </div>

      <script>
        /* Demo Scripts for Bootstrap Carousel and Animate.css
*/
(function($) {
    //Function to animate slider captions
    function doAnimations(elems) {
      //Cache the animationend event in a variable
      var animEndEv = "webkitAnimationEnd animationend";

      elems.each(function() {
        var $this = $(this),
          $animationType = $this.data("animation");
        $this.addClass($animationType).one(animEndEv, function() {
          $this.removeClass($animationType);
        });
      });
    }
    //Variables on page load
    var $myCarousel = $("#carouselExampleIndicators"),
      $firstAnimatingElems = $myCarousel
        .find(".carousel-item:first")
        .find("[data-animation ^= 'animated']");

    //Initialize carousel
    $myCarousel.carousel();

    //Animate captions in first slide on page load
    doAnimations($firstAnimatingElems);

    //Other slides to be animated on carousel slide event
    $myCarousel.on("slide.bs.carousel", function(e) {
      var $animatingElems = $(e.relatedTarget).find(
        "[data-animation ^= 'animated']"
      );
      doAnimations($animatingElems);
    });
  })(jQuery);
      </script>
</body>
</html>
```

CSS CODE:

```
.container {
    padding: 10px 15px;
  }
  .skyblue {
      background-color: #0f0856;
  }

  .carousel-indicators {
      bottom: 0;
  }
  .carousel-control.right,
  .carousel-control.left {
      background-image: none;
  }
  .carousel-item {
      min-height: 350px;
      height: 100%;
      width:100%;
  }
  .carousel-caption h3,
  .carousel .icon-container,
  .carousel-caption button {
      background-color: #09c;
  }
  .carousel-caption h3 {
      padding: .5em;
  }
  .carousel .icon-container {
      display: inline-block;
      font-size: 25px;
      line-height: 25px;
      padding: 1em;
      text-align: center;
      border-radius: 50%;
  }
  .carousel-caption button {
      border-color: #00bfff;
      margin-top: 1em;
  }

  /* Animation delays */
  .carousel-caption h3:first-child {
      animation-delay: 1s;
  }
  .carousel-caption h3:nth-child(2) {
      animation-delay: 2s;
  }
```

```
.carousel-caption button {
    animation-delay: 3s;
}

h1 {
  text-align: center;
  margin-bottom: 30px;
  font-size: 30px;
  font-weight: bold;
}

.p {
  padding-top: 125px;
  text-align: center;
}

.p a {
  text-decoration: underline;
}
```

Practical 2

Aim: A full-screen bootstrap Carousel with random Initial image.

HTML, JS CODE:

```
<!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">
    <link rel="stylesheet" href="prac2.css">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/4.0.0-
beta.2/css/bootstrap.css">
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/jquery/2.1.3/jquery.min.js"></scri
pt>
    <script src="https://unpkg.com/popper.js"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/twitter-
bootstrap/4.0.0-beta/js/bootstrap.min.js"></script>
    <title>Practical2</title>
</head>
<body>
    <div id="carouselExampleIndicators" class="carousel slide" data-
ride="carousel">
        <!-- Indicators -->
        <ol class="carousel-indicators">
            <li data-target="#carouselExampleIndicators" data-slide-
to="0"></li>
            <li data-target="#carouselExampleIndicators" data-slide-
to="1"></li>
            <li data-target="#carouselExampleIndicators" data-slide-
to="2"></li>
        </ol>
        <!-- Wrapper for slides -->
        <div class="carousel-inner">
            <div class="carousel-item">
                <img class="d-block w-100" src="img1.jpg" data-
color="lightblue" alt="First Image">
                <div class="carousel-caption d-md-block">
                    <h4>Image_1</h4>
                </div>
            </div>
            <div class="carousel-item">
                <img class="d-block w-100" src="img2.jpg" data-
color="firebrick" alt="Second Image">
                <div class="carousel-caption d-md-block">
```

```
                    <h4>Image_2</h4>
                </div>
            </div>
            <div class="carousel-item">
                <img class="d-block w-100" src="img3.jpg" data-color="violet"
alt="Third Image">
                <div class="carousel-caption d-md-block">
                    <h4>Image_3</h4>
                </div>
            </div>
        </div>
        <!-- Controls -->
        <a class="carousel-control-prev" href="#carouselExampleIndicators"
role="button" data-slide="prev">
            <span class="carousel-control-prev-icon" aria-
hidden="true"></span>
            <span class="sr-only">Previous</span>
        </a>
        <a class="carousel-control-next" href="#carouselExampleIndicators"
role="button" data-slide="next">
            <span class="carousel-control-next-icon" aria-
hidden="true"></span>
            <span class="sr-only">Next</span>
        </a>
    </div>
    <script>
        var $item = $('.carousel-item');
        var $wHeight = $(window).height();

        $item.height($wHeight);
        $item.addClass('full-screen');

        var $numberofslides = $('.carousel-item').length;
        var $currentslide = Math.floor((Math.random()* $numberofslides));
        $('.carousel-indicators li').each(function(){
            var $slideValue =$(this).attr('data-slide-to');
            if($currentslide == $slideValue){
                $(this).addClass('active');
                $item.eq($slideValue).addClass('active');
            } else{
                $(this).removeClass('active');
                $item.eq($slideValue).removeClass('active');
            }
        });
        $('.carousel img').each(function(){
            var $src = $(this).attr('src');
            var $color = $(this).attr('data-color');
            $(this).parent().css({
```

```
                'background-image': url('+ $src +'),
                'background-color': $color
            });
            $(this).remove();
        })
        $(window).on('resize', function(){
            $wHeight = $(window).height();
            $item.height($wHeight);

        });

            $('.carousel').carousel({
                interval:6000,
                pause: "false"

            });
    </script>
</body>
</html>
```

CSS CODE:

```
h5 {
    display: inline-block;
    padding: 10px;
    background: black;
    border-top-left-radius: 10px;
    border-top-right-radius: 10px;
  }

  .full-screen {
      background-size: cover;
      background-position: center;
      background-repeat: no-repeat;
  }

  /*if you don't want the indicators or/and the controls*/
  /*.carousel-indicators,
  .carousel-control {
    display: none;
  }*/
```

Practical – 3

Aim: Build a responsive bootstrap website using bootstrap.

HTML CODE:

```
<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">
    <meta name="description" content="">
    <meta name="author" content="Mladen Ruzicic">
    <link rel="stylesheet" href="prac3.css">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/animate.css/3.2.3/animate.min.css
">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">

    <title>Website</title>

  </head>

  <body>
<!-- Navigacija -->
    <nav class="navbar navbar-inverse navbar-fixed-top">
      <div class="container">
        <div class="navbar-header">
          <button type="button" class="navbar-toggle collapsed" data-
toggle="collapse" data-target="#navbar" aria-expanded="false" aria-
controls="navbar">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
          </button>

        <!-- <a class="navbar-brand" href="#">Logo</a> -->
        <img  height="55" width="150" src="logos.jpg" alt="Logo">
        </div>
        <div id="navbar" class="collapse navbar-collapse">
          <ul class="nav navbar-nav navbar-right">
            <li class="active"><a href="#">Home</a></li>
            <li><a href="#Shop">Shop</a></li>
            <li><a href="#about">About</a></li>
            <li><a href="#contact">Contact</a></li>
          </ul>
```

```
        </div><!--/.nav-collapse -->
      </div>
    </nav>

    <!-- Header -->
    <header class="banner">
    <div class="container">
    <div class="col-lg-12">
      <img class="img-responsive center-block" src=""></img>
      <div class="intro-text">
        <h1 id="h.gryjxc5kp9gk"
        dir="ltr"
        class="CDt4Ke zfr3Q duRjpb"
        style="line-height: 1.2; text-align: center;">
        <span class=" FdCeP" style="color: #ffffff; font-family: 'EB
Garamond'; vertical-align: baseline;">
          <strong>THE </strong></span><span class=" FdCeP" style="font-family:
'EB Garamond'; vertical-align: baseline;">
            <br></span><span class=" FdCeP" style="color: #4a86e8; font-
family: 'EB Garamond'; vertical-align: baseline;">
              <strong>S</strong></span><span class=" FdCeP" style="color:
#ffff00; font-family: 'EB Garamond'; vertical-align: baseline;">
                <strong>T</strong></span><span class=" FdCeP" style="color:
#ff00ff; font-family: 'EB Garamond'; vertical-align: baseline;">
                  <strong>A</strong></span><span class=" FdCeP" style="color:
#00ff00; font-family: 'EB Garamond'; vertical-align: baseline;">
                    <strong>T</strong></span><span class=" FdCeP"
style="color: #4a86e8; font-family: 'EB Garamond'; vertical-align: baseline;">
                      <strong>I</strong></span><span class=" FdCeP"
style="color: #ffd966; font-family: 'EB Garamond'; vertical-align: baseline;">
                        <strong>O</strong></span><span class=" FdCeP"
style="color: #ffff00; font-family: 'EB Garamond'; vertical-align: baseline;">
                          <strong>N</strong></span><span class=" FdCeP"
style="color: #ff00ff; font-family: 'EB Garamond'; vertical-align: baseline;">
                            <strong>E</strong></span><span class=" FdCeP"
style="color: #00ffff; font-family: 'EB Garamond'; vertical-align: baseline;">
                              <strong>R</strong></span><span class=" FdCeP"
style="color: #ffd966; font-family: 'EB Garamond'; vertical-align: baseline;">
                                <strong>Y</strong></span><span class=" FdCeP"
style="font-family: 'EB Garamond'; vertical-align: baseline;"><br></span>
                                <span class=" FdCeP" style="color: #ffffff;
font-family: 'EB Garamond'; vertical-align: baseline;">
                                  <strong>SHOP</strong></span></h1>
        <!-- <span class=" jgG6ef text-center"
        style="color: #ffffff; font-family: 'Pacifico'; font-weight: normal;
vertical-align: baseline;">
        Gift &amp; Wrapping, Art and Craft, Toys &amp; Assessories</span> -->
```

```
        <p class="text text-center"> Gift Wrapping, Art and Crapt, Toys
Assessories</p>


      </div>
      </div>
    </div><!-- /.container -->
    </header>

<!-- Shop -->
<section id="Shop">
  <div class="container">

    <div class="row">
      <div class="col-lg-12 text-center">
      <h2>Shop</h2>
      <hr class="star-primary">
      </div>
    </div>


      <div class="row">

        <div class="col-xs-6 col-md-3">
        <a href="#" class="thumbnail">
          <img   src="https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcRm9XW4msESvo0LExZBnGPTHAu6o6RyPtlyqQ&usqp=
CAU" alt="Stationary 1">
        </a>
      </div>

        <div class="col-xs-6 col-md-3">
        <a href="#" class="thumbnail">
          <img src="https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcSYyPoCtdicdWmEN907OoxB1xzLTmfbyI4QLw&usqp=
CAU" alt="Stationary 2">
        </a>
      </div>

        <div class="col-xs-6 col-md-3">
        <a href="#" class="thumbnail">
          <img src="https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcTMV8rZMdumiEEfYzja-
agIGJwuu5gULx6K0A&usqp=CAU" alt="Stationary 3">
        </a>
      </div>

        <div class="col-xs-6 col-md-3">
```

```
        <a href="#" class="thumbnail">
          <img src="https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcSYyPoCtdicdWmEN907OoxB1xzLTmfbyI4QLw&usqp=
CAU" alt="Stationary 4">
        </a>
      </div>

        <div class="col-xs-6 col-md-3">
        <a href="#" class="thumbnail">
          <img src="https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcT4DnjcCLrnhFxh3xElOh59UEMO5mcIX5xlzA&usqp=
CAU" alt="Stationary 5">
        </a>
      </div>

        <div class="col-xs-6 col-md-3">
        <a href="#" class="thumbnail">
          <img src="https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcQtKDj-
mSl8HHxbAFiCj3A0JLWm4mHwSp6Cug&usqp=CAU" alt="Stationary 6">
        </a>
      </div>

        <div class="col-xs-6 col-md-3">
        <a href="#" class="thumbnail">
          <img src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQ7K-
o0ZWnwDGKTIW_q5oEQX-MqU8-rhvE_ig&usqp=CAU" alt="Stationary 7">
        </a>
      </div>

        <div class="col-xs-6 col-md-3">
        <a href="#" class="thumbnail">
          <img src="https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcQJpiejOfzOdHD2_GQaEyOF62HXGklH4wKmxQ&usqp=
CAU" alt="Stationary8">
        </a>
      </div>

    </div>

  <!-- About -->
  <section id="about">
    <div class="container">

      <div class="row">
        <div class="col-lg-12 text-center">
        <h2>About</h2>
        <hr class="star-primary">
```

```
        </div>
      </div>

      <div class="row">
        <div class="col-lg-6">
         <img src="https://media.istockphoto.com/photos/buying-school-
supplies-picture-
id1145419145?k=20&m=1145419145&s=612x612&w=0&h=bXtwvDi0q1RF7MoIfph9Bbx75vWXDSU
s2r4hryiH0W8=" class="img-responsive" alt="">
        </div>
        <div class="col-lg-6">
          <p><strong>Stationary</strong><br>
            <small>Stationery refers to commercially manufactured writing
materials, including cut paper,
              envelopes, writing implements, continuous form paper, and other
office.
            </small><br></p>

          <div class="progress">
          <div class="progress-bar progress-bar-success" style="width: 55%">
            <span class="sr-only">55% Complete (success)</span>55% achieved
          </div>
          <div class="progress-bar progress-bar-info" style="width: 45%">
            <span class="sr-only">45% Complete (warning)</span>45% to go
          </div>
        </div>




          <p><strong>Stationary</strong> WITH A PASSION FOR EXCELLENCE, HONEST
AND ETHICAL CONDUCT, AND UNCOMPROMISING INTEGRITY, STATIONERY AND PAPER MASTER
ACHIEVES HIGH - QUALITY RESULTS AND CONSISTENTLY MEETS ITS COMMITMENTS TO ITS
CLIENTS.</p>
            <p>Stationery and Paper Master's mission is honoured each time we
exceed a client's expectations, each time an employee achieves his or her
dreams, each time Stationery and Paper Master earns an employee's loyalty, and
each time the company's efforts positively influence our society and the world
in which we live.</p>
          <p>As we plan our strategies to sustain growth for the years to
come, our core values of caring, teamwork and progressive improvement will
continue to be the driving force behind our future initiatives.</p>
        </div>
      </div>

    </div><!-- /.container -->
  </section>
```

```
    </div><!-- /.container -->
  </section>



   <!-- Contact -->
  <section id="contact">
    <div class="container">

      <div class="row">
        <div class="col-lg-12 text-center">
        <h2>Contact</h2>
        <hr class="star-primary">
        </div>
      </div>

      <div class="row">
        <div class="col-lg-6">
        <p>Use the following contact details to contact us
          <br> Contact Timings:
          <br> 9Am to 9Pm
          (Sunday Closed)</p>

          <p>If you need to get in touch with me,<br> try email
Stationary@gmail.com </p>
          <p><strong> Copyright © 2022 The Stationery Shop. All rights
reserved</strong></p>
        </div>

        <div class="col-lg-6">
          <div class="embed-responsive-item">
            <iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3767.7557351469836!
2d72.87149741485342!3d19.20586828701357!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.
1!3m3!1m2!1s0x3be7b738c9e09369%3A0x4be91c068af00f54!2sThakur%20College%20of%20
Science%20and%20Commerce!5e0!3m2!1sen!2sin!4v1657472406191!5m2!1sen!2sin"
width="600" height="450" style="border:0;" allowfullscreen="" loading="lazy"
referrerpolicy="no-referrer-when-downgrade"></iframe>
        </div>
        </div>

      </div>

    </div><!-- /.container -->
```

```
  </section>

  <footer>
    <div class="container">

      <div class="row">

        <div class="col-lg-9">
          <p>Develop <small>By User</small></p>
        </div>

        <div class="col-lg-1">
            <a href="https://instagram.com" class="fa fa-instagram"
style="font-size: 40px;"></a>
          </div>

          <div class="col-lg-1">
            <a href="https://facebook.com" class="fa fa-facebook" style="font-
size: 40px;"></a>
          </div>

          <div class="col-lg-1">
            <a href="https://twitter.com" class="fa fa-twitter" style="font-
size: 40px;"></a>
          </div>

      </div>
    </div> <!-- ./container -->
  </footer>

    <!-- IE10 viewport hack for Surface/desktop Windows 8 bug -->
    <script src="../../assets/js/ie10-viewport-bug-workaround.js"></script>
  </body>
</html>
```

CSS CODE:

```
body {
  padding-top: 50px;
   font-family: "Lato","Helvetica Neue",Helvetica,Arial,sans-serif;
 font-size: 24px;
}

.navbar { padding:10px 0; }
.navbar-inverse {
  background-color: #1F6EA9;
  border: none;
```

```
  border-bottom: 2px solid white;
}

.navbar-inverse .navbar-brand{
  color: white;
  font-family: 'Luckiest Guy', cursive;
  font-size: 40px;
}

.navbar-inverse .navbar-brand:hover {
  color: #17537F;
}

.navbar-inverse .navbar-nav>li>a {
  color: white;
}
.navbar-inverse .navbar-nav>.active>a, .navbar-inverse .navbar-
nav>.active>a:focus, .navbar-inverse .navbar-nav>.active>a:hover {
  background-color: #17537F;
}


.banner {
    background: url('https://media.istockphoto.com/photos/close-up-hands-
choosing-school-stationery-in-the-supermarket-picture-
id1148183399?k=20&m=1148183399&s=612x612&w=0&h=UFJ9-
HYAK3TSg_IGlnaRpMc1tTKsKPwYh87j-rWmyGk=');
    background-repeat:no-repeat;
    background-position: top center;
    background-size: cover;
height: 100%;

}
header .container {
  padding-top: 100px;
  padding-bottom:200px;
  text-shadow:  2px 2px 0px rgba(150, 150, 150, 1);
}


header .btn {
  border-color: #1F6EA9;
  background-color: white;
  text-shadow: none;
}

.intro-text .naslov {
  display: block;
  font-family: 'Luckiest Guy', cursive;
```

```
  font-size: 70px;
  color: white;
}

h2 {
  font-family: 'Luckiest Guy', cursive;
  font-size: 50px;
  color: #1F6EA9;
  padding-top: 30px;
  padding-bottom: 30px;

}

.ikonica {
  font-size: 50px;
  padding: 20px

}
.intro-text .tekst {
color: white;
  text-shadow:  1px 1px 15px rgba(0, 0, 0, 1);
font-weight: bold;
    padding: 30px 0;
}



hr.star-primary {
    margin: 25px auto 30px;
    padding: 0 0 30px 0; /* samo bottom ima padding */
    max-width: 250px;
    border: 0;
    border-top: solid 5px;
    text-align: center;
     border-color: #1F6EA9;
}

hr.star-primary:after {
    content: "\f005";
    display: inline-block;
    position: relative;
    top: -.8em;
    padding: 0 .25em;
    font-family: FontAwesome;
    font-size: 2em;
  color: #1F6EA9;
    background-color: #fff;
}
```

```
footer, #portfolio {
  background-color: #EEEFEF;
  padding: 30px 0;
}

#portfolio hr.star-primary:after {
  background-color: #EEEFEF;
}
```

Practical- 04

Aim: Develop a shopping list using AngularJS.

Steps:

1) Create a file prac4.html
2) To run the angularJS code we have to put in head script link
   - <script src="http://ajax.googleapis.com/ajax/libs/angularjs/1.4.8/angular.min.js"></script>
3) Then inside the body tag, take one input field type text
4) Inside the input we have to give ng-keyup then name and pass the event($event)
5) Then at the down we have to write the script tag as mention in below code
6) Take one p tag inside that give one ng-click to pass the event value
7) Then take section tag inside that give ng-show if display list is one or more then one then only display
8) Take one div tag then and give ng-click, then name and pass the event and write the script tag
9) To display the list we have taken a div tag then pass a ng-mouseenter then event dot event name as show in the below code.
10) To display the list {{element.name}} name is the upper input name

Code:-

========== HTML Code==========

```
<html>

<head>

  <title>AngularJS Shopping List</title>

  <script src="http://ajax.googleapis.com/ajax/libs/angularjs/1.4.8/angular.min.js"></script>

  <link href='https://fonts.googleapis.com/css?family=Architects+Daughter' rel='stylesheet'
type='text/css'>

  <link rel="stylesheet" href="//maxcdn.bootstrapcdn.com/font-awesome/4.3.0/css/font-
awesome.min.css">

  <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/2.1.3/jquery.min.js"></script>

</head>


<body>

  <div class="title">Add list and enter</div>

  <div ng-app="listApp">

    <div ng-controller="ListCtrl" class="lstWrap radius">
```

```
<section class="pusher">
  <p>
    <input id="input_name" type="text" class="radius" ng-keyup="addOnReturn($event)" placeholder="Add list" />
  </p>
  <p class="addButton" ng-click="add()" title="Add to list">
    <i class="fa fa-pencil fa-2"></i>
  </p>
  <p class="addButton" ng-click="empty()" title="Empty list">
    <i class="fa fa-trash fa-2"></i>
  </p>
</section>
<section class="list" ng-show="list.length > 0">
  <div ng-repeat="element in list track by $index">
    <div class="checkWrap">
      <div class="checkbox" ng-show="!element.purchased" ng-click="addToCart(element)" title="Add to cart">
        <i class="fa fa-square-o"></i>
      </div>
      <div class="checkbox" ng-show="element.purchased" ng-click="removeFromCart(element)" title="Remove from cart">
        <i class="fa fa-check-square-o"></i>
      </div>
    </div>
    <div class="elemContainer" ng-mouseenter="element.showremove=true" ng-mouseleave="element.showremove=false">
      <div class="elemWrap">
        <span>{{ element.name }}</span>
        <div ng-show="element.purchased" class="lineThrough"></div>
      </div>
```

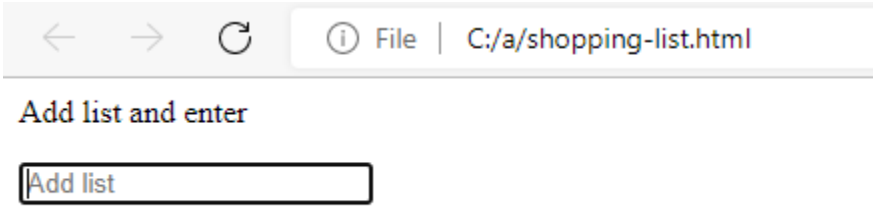
```
          <div class="elemRemove" ng-show="element.showremove" ng-click="remove(element)"
title="Remove from list"><i class="fa fa-times fa-2"></i></div>
        </div>
      </div>
    </section>
  </div>
 </div>
 <script src="//ajax.googleapis.com/ajax/libs/angularjs/1.3.14/angular.min.js"></script>
</body>
</html>

<script>
  var myModule = angular.module('listApp', []);

myModule.controller('ListCtrl', ['$scope', 'CacheService', 'ArrayService', function($scope, cs, as) {
 var state = cs.getState();

 $scope.list = [];

 if (state)
  $scope.list = state;

 $scope.$watch(function() {
    return angular.toJson($scope.list);
  },
  function() {
    cs.saveState($scope.list);
  });
```

```
$scope.addOnReturn = function(evt) {
  if (evt.keyCode === 13) {
    $scope.add()
  }
};

$scope.remove = function(element) {
  as.removeElement($scope.list, element);
};

$scope.addToCart = function(element) {
  element.purchased = true;
};

$scope.removeFromCart = function(element) {
  element.purchased = false;
};

$scope.add = function() {
  var value = $('#input_name').val();
  if (value) {
    $scope.list.push({
      'name': value,
      'purchased': false
    });
  }
  $('#input_name').val('');
  $('#input_name').focus();
};
```

```
  $scope.empty = function() {
    $scope.list = [];
    $('#input_name').val('');
    $('#input_name').focus();
  };

  $('#input_name').focus();
}]);

myModule.service('CacheService', function() {
  this.key = "AngularJS.persistentshoppingList";

  this.saveState = function(list) {
    var jsonArr = JSON.stringify(list);

    var date = new Date();
    var days = 365;

    // Default at 365 days
    days = days || 365;
    // Get unix milliseconds at current time plus number of days
    date.setTime(+date + (days * 86400000)); //24 * 60 * 60 * 1000
    window.document.cookie = this.key + "=" + jsonArr + "; expires=" + date.toGMTString() + "; path=/";
  }

  this.getState = function() {
    var value = "; " + document.cookie;
    var parts = value.split("; " + this.key + "=");
```

```
    if (parts.length == 2)
      return JSON.parse(parts.pop().split(";").shift());
  }
});

myModule.service('ArrayService', function() {
  this.removeElement = function(array, elemToRemove) {
    for (var i = array.length - 1; i >= 0; i--) {
      if (array[i] === elemToRemove) {
        array.splice(i, 1);
      }
    }
  }
});
</script>
```

Output:



File
C:/a/shopping-list.html
Add list and enter
Add list
Apple

Practical- 05

Aim: Develop AngulatJS cart application

Steps:

1) Create a file prac5.html
2) To run the angularJS code we have to put in head script link
   - <script src="http://ajax.googleapis.com/ajax/libs/angularjs/1.4.8/angular.min.js"></script>
3) In body tag create a table using tr tag and td tag
4) In the script tag pass the table value as show in below and display the value in html body as show in code
5) Inside the table take one button tag and give ng-click="remove($number)"
6) $number is the event name
7) They write a script tag as show in code

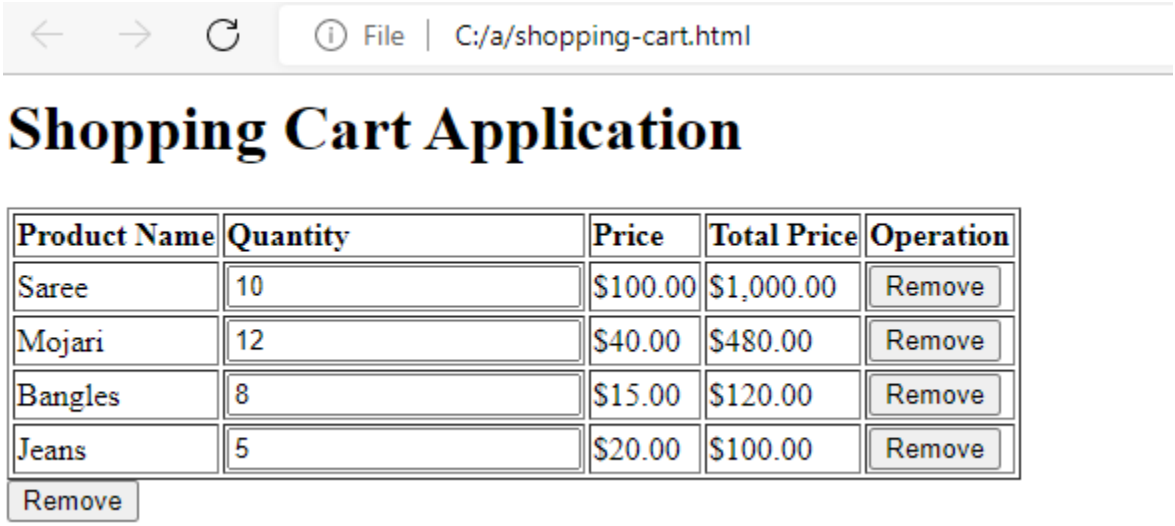
Code:

```
<html ng-app='scartApp'>

<head>

<script src="http://ajax.googleapis.com/ajax/libs/angularjs/1.4.8/angular.min.js"></script>

<title>Shopping Cart</title>

</head>

<body ng-controller='SCartController'>

<h1>Shopping Cart Application</h1>

<div>

<table border = "1">

<tr>

<td><b>Product Name</b></td>

<td><b>Quantity</b></td>

<td><b>Price</b></td>

<td><b>Total Price</b></td>

<td><b>Operation</b></td>

</tr>

<tr ng-repeat="item in items">

<td>{{item.Name}}</td>

<td><input ng-model='item.quantity'></td>
```

```
<td>{{item.price | currency}}</td>
<td> {{item.price * item.quantity | currency}}</td>
<td><button ng-click="remove($number)">Remove</button></td>
</tr>
</table>
</div>
<script>
var sapp = angular.module('scartApp', []);
sapp.controller('SCartController', ['$scope', function($scope) {
$scope.items = [
{Name: 'Saree', quantity: 10, price: 100},
{Name: 'Mojari', quantity: 12, price: 40},
{Name: 'Bangles', quantity:8, price: 15},
{Name: 'Jeans', quantity:5, price: 20}
];
$scope.remove = function(number) {
$scope.items.splice(number, 1);
}
}]);
</script>
</body>
</html><button ng-click="remove($index)">Remove</button>
</div>
<script src="angular.js"></script>
<script>
function CartController($scope) {
$scope.items = [
{title: 'Paint pots', quantity: 8, price: 3.95},
{title: 'Polka dots', quantity: 17, price: 12.95},
```

```
{title: 'Pebbles', quantity: 5, price: 6.95}
];
$scope.remove = function(index) {
$scope.items.splice(index, 1);
}
}
</script>
</body>
</html>
```

Output:



Click on remove the table data will be remove

File | C:/a/shopping-cart.html

Shopping Cart Application

Product Name	Quantity	Price	Total Price	Operation
Mojari	12	$40.00	$480.00	Remove
Bangles	8	$15.00	$120.00	Remove
Jeans	5	$20.00	$100.00	Remove

Remove

Practical-06

Aim: Develop AngularJS Translate application

Steps:

1) Create a file prac6.html
2) To run the angularJS code we have to put in head script link
   - <script src="http://ajax.googleapis.com/ajax/libs/angularjs/1.4.8/angular.min.js"></script>
3) Inside the body tag take 3 buttons and give ng-click and name then give one more, translate and name. write the js code in script
4) Script code as show in bellow
5) And and more there is one tanslate js file which we have to use

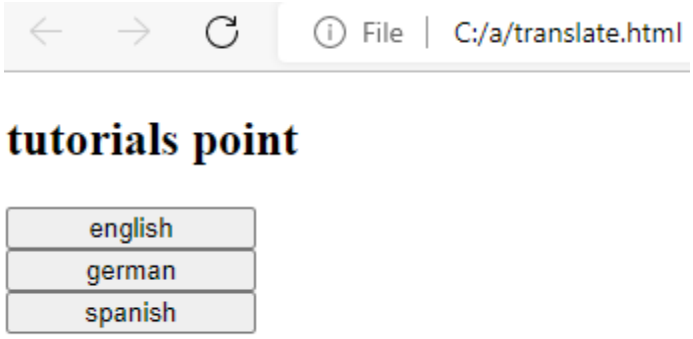
Code:

```
<!DOCTYPE html>

<html ng-app="APP">

<head>

        <meta charset="UTF-8">

        <title>angular-translate example</title>

 <style>

  button {

   width:125px;

   display:block;

  }

        body{

         }

 </style>

</head>

<body>

 <h2 translate="TITLE">tutorials point</h2>

 <div ng-controller="ExampleController">

  <button ng-click="changeLanguage('en')" translate="BUTTON_LANG_EN">english</button>

  <button ng-click="changeLanguage('de')" translate="BUTTON_LANG_DE">german</button>
```

```
 <button ng-click="changeLanguage('es')" translate="BUTTON_LANG_ES">spanish</button>
</div>

        <script src="http://ajax.googleapis.com/ajax/libs/angularjs/1.1.4/angular.min.js"></script>
        <script src="translate.js"></script>
        <script>
 var app = angular.module('APP', ['pascalprecht.translate'])
 .config(function ($translateProvider) {
  $translateProvider.translations('en', {
   TITLE: 'tutorials point',
   BUTTON_LANG_EN: 'English',
   BUTTON_LANG_DE: 'German',
   BUTTON_LANG_ES: 'Spanish',

  });
  $translateProvider.translations('de', {
   TITLE: 'Tutorials Punkt',
   BUTTON_LANG_EN: 'Englisch',
   BUTTON_LANG_DE: 'Deutsch',
   BUTTON_LANG_ES: 'Spanisch',
  });
  $translateProvider.translations('es', {
   TITLE: 'punto tutoriales',
   BUTTON_LANG_EN: 'Inglés',
   BUTTON_LANG_DE: 'Alemán',
   BUTTON_LANG_ES: 'Español',
  });

  $translateProvider.preferredLanguage('en');
```

```
  })
  .controller('ExampleController', ['$scope', '$translate', function ($scope, $translate) {
    $scope.changeLanguage = function (key) {
      $translate.use(key);
    };
  }]);
        </script>
</body>
</html>
```

Output:



Practical-07

Aim: Develop AngularJS form application to demonstrate 3 event and validate data.

Steps:

1) Create a file prac7.html
2) To run the angularJS code we have to put in head script link
   - <script src="http://ajax.googleapis.com/ajax/libs/angularjs/1.4.8/angular.min.js"></script>
3) Take form tag inside that create a one table then in that take input all which are required
4) To show the validation we have to use ng-show and give the condition as show in below code
5) In script tag we have to write the validation code as show below

Code:

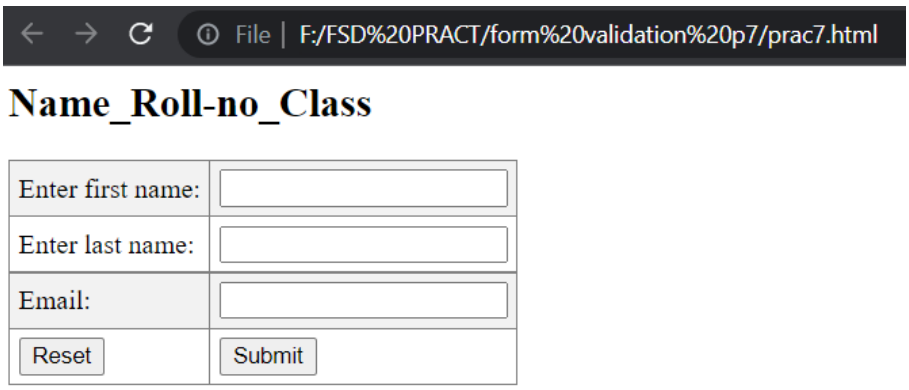
```
<html>
  <head>
    <title>Angular JS Forms</title>
    <script src = "https://ajax.googleapis.com/ajax/libs/angularjs/1.3.14/angular.min.js"></script>
    <style>
      table, th , td {
        border: 1px solid grey;
        border-collapse: collapse;
        padding: 5px;
      }
      table tr:nth-child(odd) {
        background-color: #f2f2f2;
      }
      table tr:nth-child(even) {
        background-color: #ffffff;
      }
    </style>

  </head>
```

```
  <body>

    <h2>AngularJS Sample Application</h2>
    <div ng-app = "mainApp" ng-controller = "studentController">

      <form name = "studentForm" novalidate>
        <table border = "0">
          <tr>
            <td>Enter first name:</td>
            <td><input name = "firstname" type = "text" ng-model = "firstName" required>
              <span style = "color:red" ng-show = "studentForm.firstname.$dirty &&
studentForm.firstname.$invalid">
                <span ng-show = "studentForm.firstname.$error.required">First Name is required.</span>
              </span>
            </td>
          </tr>

          <tr>
            <td>Enter last name: </td>
            <td><input name = "lastname"  type = "text" ng-model = "lastName" required>
              <span style = "color:red" ng-show = "studentForm.lastname.$dirty &&
studentForm.lastname.$invalid">
                <span ng-show = "studentForm.lastname.$error.required">Last Name is required.</span>
              </span>
            </td>
          </tr>

          <tr>
            <td>Email: </td><td><input name = "email" type = "email" ng-model = "email" length = "100"
required>
```

```
            <span style = "color:red" ng-show = "studentForm.email.$dirty &&
studentForm.email.$invalid">
              <span ng-show = "studentForm.email.$error.required">Email is required.</span>
              <span ng-show = "studentForm.email.$error.email">Invalid email address.</span>
            </span>
          </td>
        </tr>

        <tr>
          <td>
            <button ng-click = "reset()">Reset</button>
          </td>
          <td>
            <button ng-disabled = "studentForm.firstname.$dirty &&
              studentForm.firstname.$invalid || studentForm.lastname.$dirty &&
              studentForm.lastname.$invalid || studentForm.email.$dirty &&
              studentForm.email.$invalid" ng-click="submit()">Submit</button>
          </td>
        </tr>

      </table>
    </form>
  </div>

  <script>
    var mainApp = angular.module("mainApp", []);

    mainApp.controller('studentController', function($scope) {
      $scope.reset = function() {
```

```
            $scope.firstName = " ";
            $scope.lastName = " ";
            $scope.email = " ";
          }

          $scope.reset();
        });
      </script>
    </body>
</html>
```

Output:



If some data is not there then the submit button will be disbale