Practical No 8

A. jQuery Basic, jQuery Events
Mouse Events
Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <meta http-equiv="X-UA-Compatible" content="ie=edge">
 <script src="jquery.js" charset="utf-8"></script>
 <title>Document</title>
</head>
<body>
<script>
 $(document).ready(function(){
  $("#d1").mouseenter(function(){
   console.log("Mouse is entered")
  })
 })
 $(document).ready(function(){
  $("#d2").click(function(){
   console.log("Mouse is clicked")
  })
 })
 $(document).ready(function(){
  $("#d3").mouseleave(function(){
   console.log("Mouse is leaving")
  })
 })
 $(document).ready(function(){
  $("#d4").dblclick(function(){
   console.log("Doubleclicked")
  })
 })
</script>
<div id="d1">Enter here</div>
<div id="d2">Click</div>
<div id="d3">Mouse leave</div>
<div id="d4">Double Click</div>
</body>
</html>
```
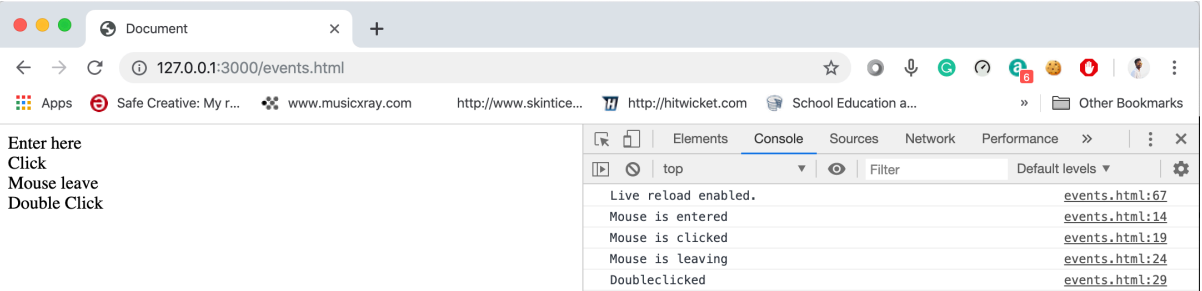
Output:

Form Event:
```html
<!DOCTYPE html>
<html lang="en">
<head>
```

```html
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <script src="jquery.js" charset="utf-8"></script>
    <title>Document</title>
  </head>
  <body>
   <script>
    $(document).ready(function(){
      $("input").mouseenter(function(){
        $(this).css("background-color","#5edfff")
      })
    })
    $(document).ready(function(){
      $("input").mouseleave(function(){
        $(this).css("background-color","#fcf9ea")
      })
    })

   </script>
   <input type="text" name="ID" id:"t1" placeholder="Enter ID">
   <input type="password" name="Pass" id="p1" placeholder="Enter Password">
  </body>
  </html>
```
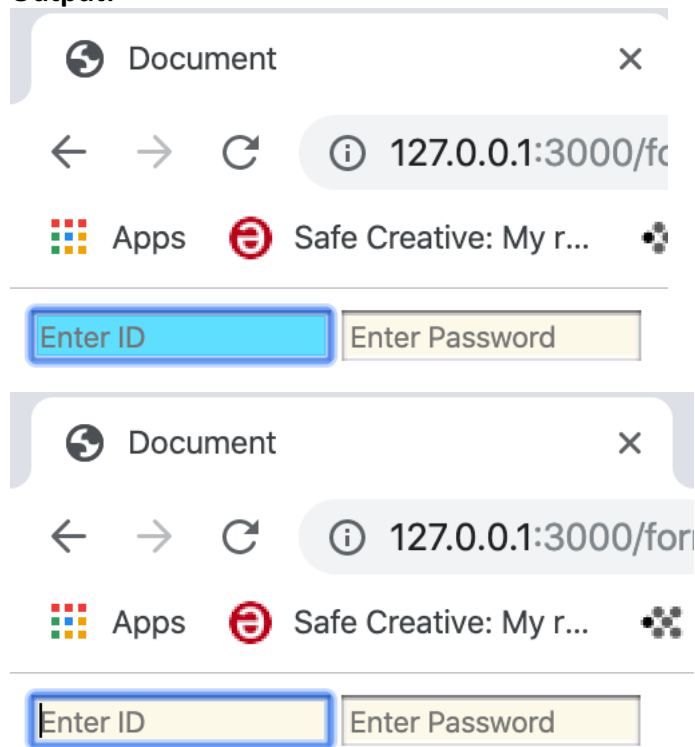
Output:

B. jQuery Selectors, jQuery Hide and Show effects
code:
```html
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <meta http-equiv="X-UA-Compatible" content="ie=edge">
<script src="jquery.js" charset="utf-8"></script>
 <title>Document</title>

</head>
```
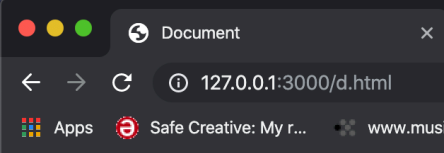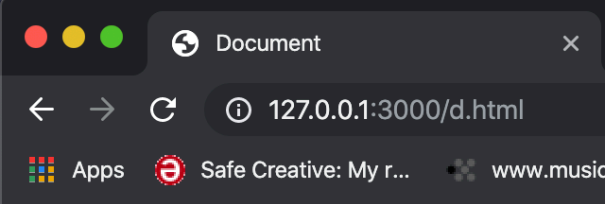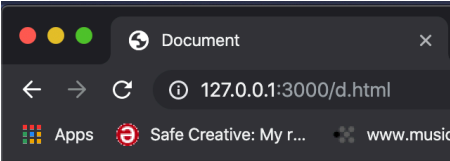
```
<body>
 <h1>hello</h1>
 <script>
  $(document).ready(function(){
   $("#b1").click(function(){
    $("h1").hide();
   })
   $("#b2").click(function(){
    $("h1").show();
   })
   $("#b3").mouseenter(function(){
    $("#b3").css("background","red")
   })
  })
 </script>
<input type="button" id="b1" value="HIDE"><br>
<input type="button" id="b2" value="SHOW" >

</body>
</html>
```

Output:

C. **jQuery fading effects, jQuery Sliding effects**
   Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <meta http-equiv="X-UA-Compatible" content="ie=edge">
 <script src="jquery.js" charset="utf-8"></script>
 <title>Document</title>
</head>
<body>
<script type="text/javascript">
$(document).ready(function(){
   $(".out-btn").click(function(){
      $("#d1").fadeOut();
   });

   $(".in-btn").click(function(){
```
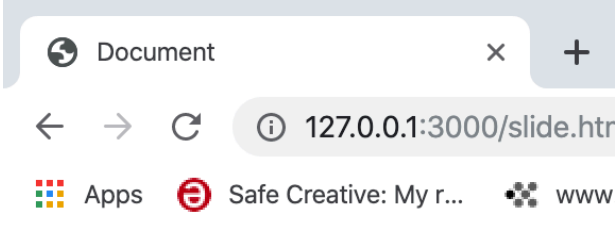
```
            $("#d1").fadeIn();
        });
            $(".up-btn").click(function(){
            $("#d2").slideUp();
        });
        $(".down-btn").click(function(){
            $("#d2").slideDown();
        });
    });
    </script>

    <div id="d1">Hello world</div>
    <div id="d2">Hello world</div>
      <button type="button" class="out-btn">Fade Out</button>
      <button type="button" class="in-btn">Fade In</button>
            <button type="button" class="up-btn">Slide Up</button>
      <button type="button" class="down-btn">Slide Down</button>

    </body>
    </html>
```
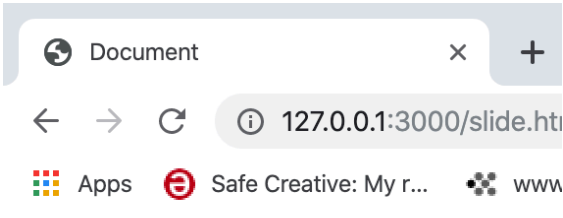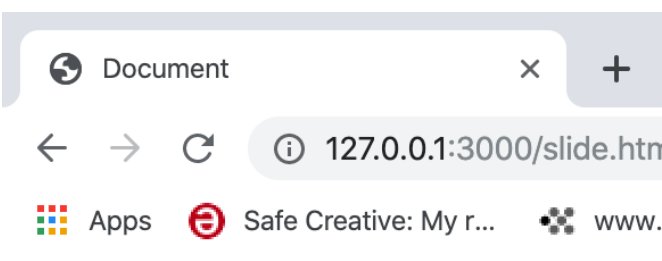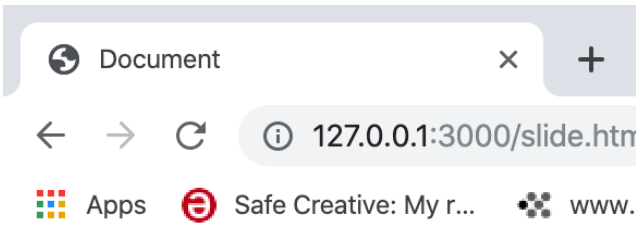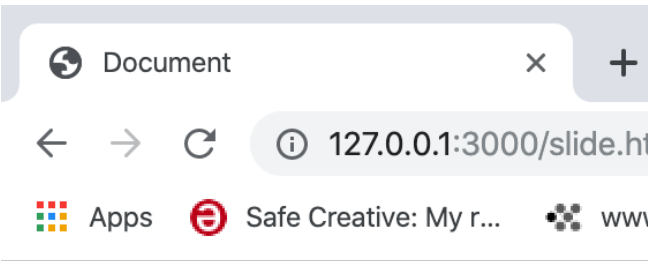
Output:
Fade Out/In

Slide Up/Down