jQuery

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What is jQuery?

- jQuery is a JavaScript Library.

- jQuery is small, fast, and feature-rich JavaScript library.

- jQuery greatly simplifies JavaScript programming.

Difference between javascript and jquery?

- If you use JavaScript, you need to write you own scripting which may take time.

- If you use Jquery, you need not to write much scripting which already exists in JQuery.

JQuery syntax

```html
<head>

  <script src="jq/jquery-1.10.2.js"> </script>

    <script>

      // Your code goes here.

    </script>

</head>

<body>

</body>
```

Effects in jQuery

Hide

```
<head>
<script src="jq/jquery-1.10.2.js"> </script>
<script>
$(document).ready(function(){
                    $("#b").click(function(){

                              $(this).hide();

                              })

          })


</script>
</head>
<body>
<div style="border:solid; height:50px; width:300px" id="b">  Click to Hide   </div>
</body>
```
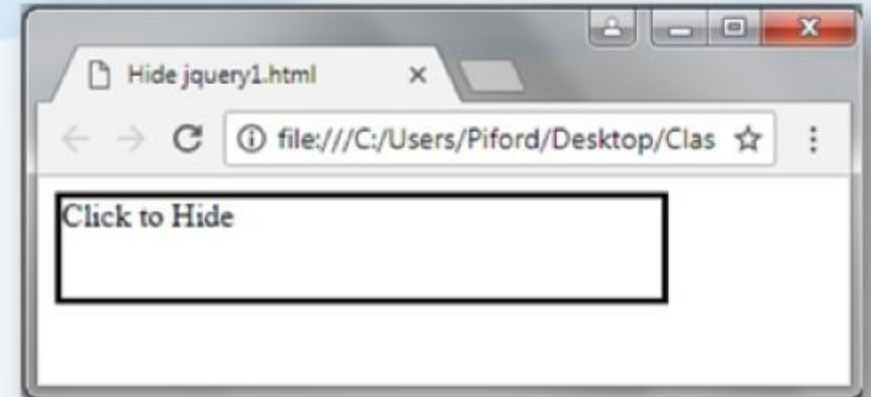
Hide jquery1.html ✕

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Click to Hide

Show

```
<script>
$(document).ready(function(){
                    $("#s").click(function(){

                                $("#b").show();

                                })

                    })


</script>
</head>
<body>
 <div style="border:solid; height:50px; width:300px; display:none" id="b">
        Click to Hide   </div>
<input type="submit" id="s">
```
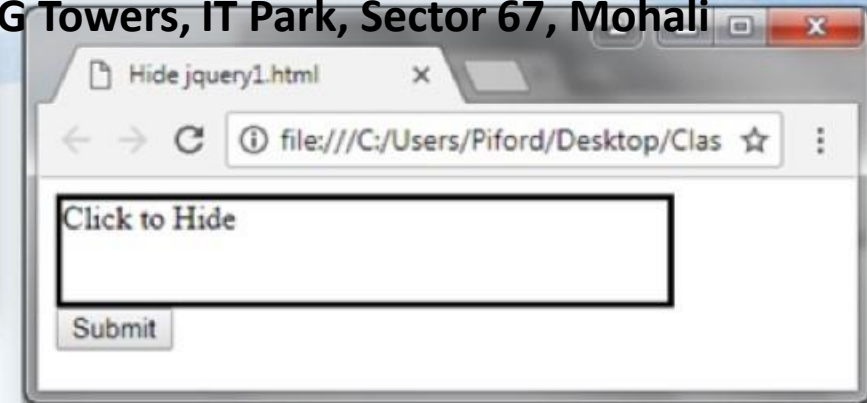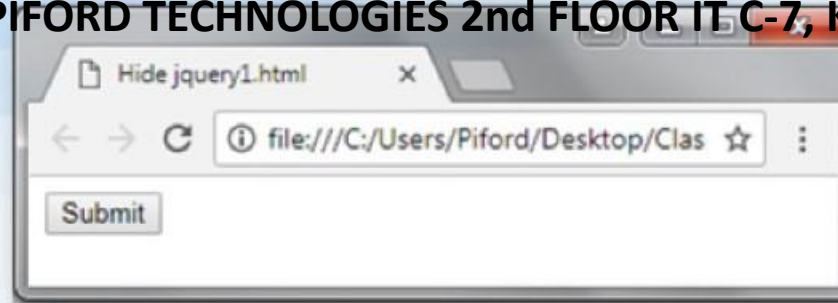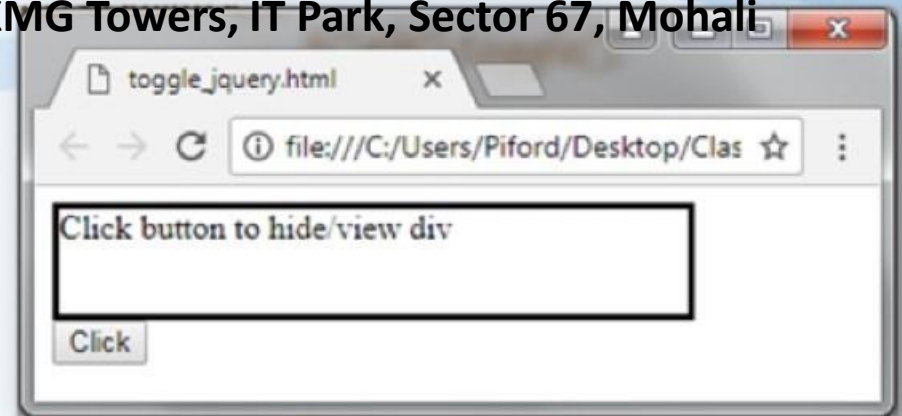
Toggle

```
<script>
$(document).ready(function(){

        $("#c").click(function(){

                $("#b").toggle();

        })

})

</script>
</head>
<body>
 <div style="border:solid; height:50px; width:300px" id="b"> Click button to
        hide/view div   </div>
<input type="button" id="c" value="Click">
```

slideDown

```
<script>
$(document).ready(function(){

                    $("#b").click(function(){

                            $("#a").slideDown();

                                    })

                })

</script>
</head>
<body>
<div style="border:solid; height:50px; width:300px; display:none" id="a">
       Click to Slide   </div>
<div style="border:solid; height:100px; width:300px;" id="b">      </div>
```
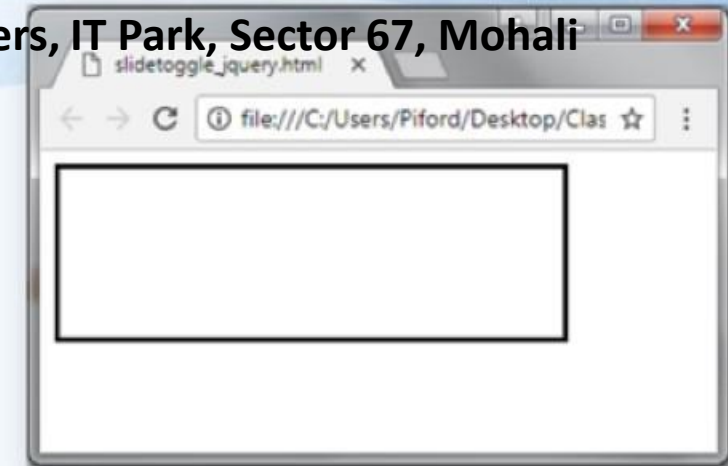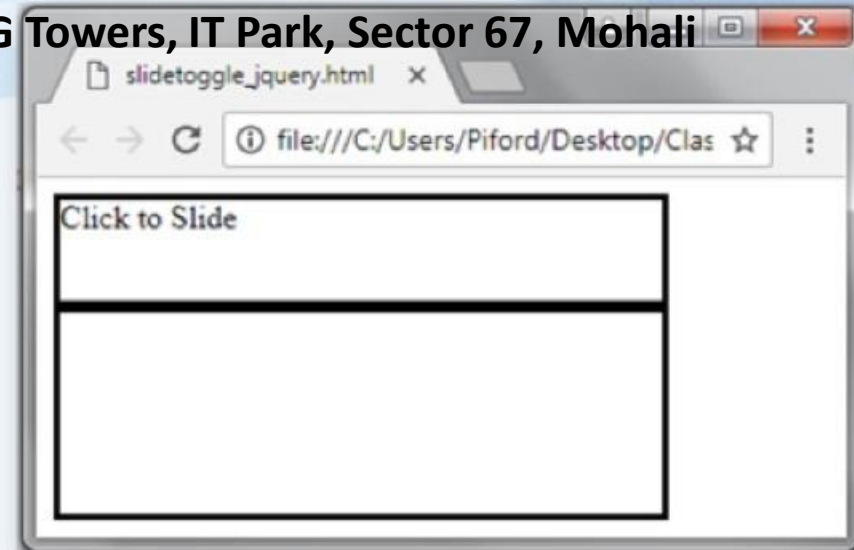
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slideUp

```
<script>
$(document).ready(function(){
            $("#a").click(function(){

                    $("#b").slideUp();

            })

      })
</script>
</head>
<body>
<div style="border:solid; height:50px; width:300px;;" id="a"> Click to Slide
    </div>
<div style="border:solid; height:100px; width:300px;" id="b">    </div>
```
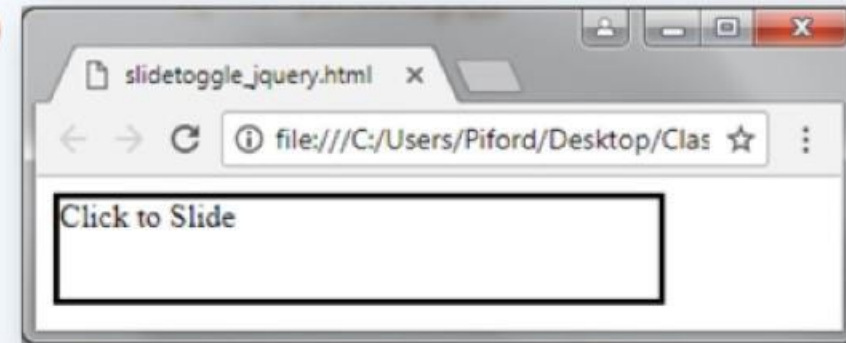
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slideToggle

```
<script>
$(document).ready(function(){
                    $("#a").click(function(){

                                    $("#b").slideToggle();

                                })

                })


</script>
</head>
<body>
  <div style="border:solid; height:50px; width:300px" id="a"> Click to Slide   </div>
  <div style="border:solid; height:100px; width:300px; display:none" id="b">  </div>
```
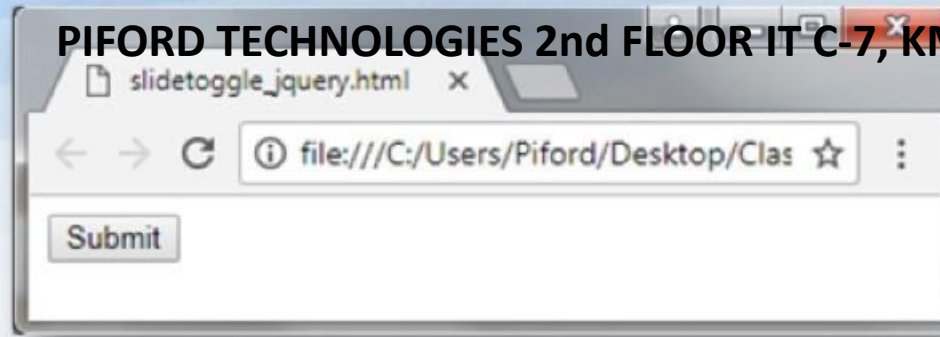
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fadeIn

```
<script>
$(document).ready(function(){

        $("#a").click(function(){

                $("#b").fadeIn();

        })

})

</script>
</head>
<body>
<input type="submit" id="a">
<div style="border:solid; height:100px; width:300px; background-color:#F00;
        display:none" id="b">    </div>
```

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fadeOut

```
<script>
$(document).ready(function(){
                    $("#a").click(function(){

                              $("#b").fadeOut();

                    })

          })

</script>
</head>
<body>
<input type="submit" id="a">
<div style="border:solid; height:100px; width:300px; background-color:#F00;" id="b">    </div>
```
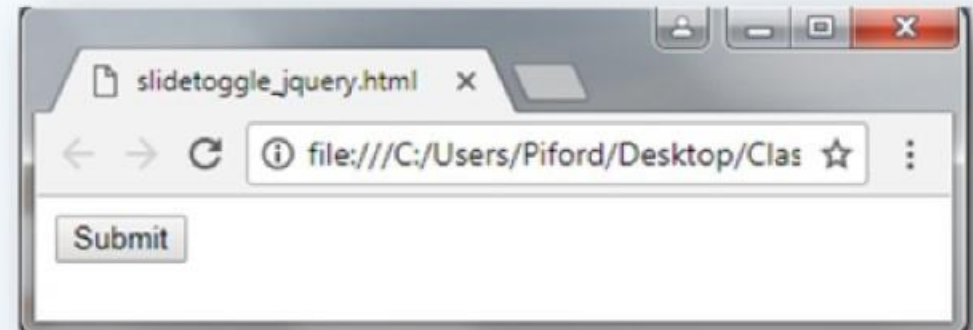
Events in JQuery

- Click

- Doubleclick

- Mouseenter

- Mouseleave

- Focus

- Blur

Mouseenter and mouseleave Event

```
<script>
$(document).ready(function(){
        $("#e").mouseenter(function(){
                $(this).css("background-color","grey");
        });
        $("#e").mouseleave(function(){
                $(this).css("background-color","red");
        });
});
</script>
</head>
<body>
<div style="border:solid; height:50px; width:300px" id="e">   </div>
```
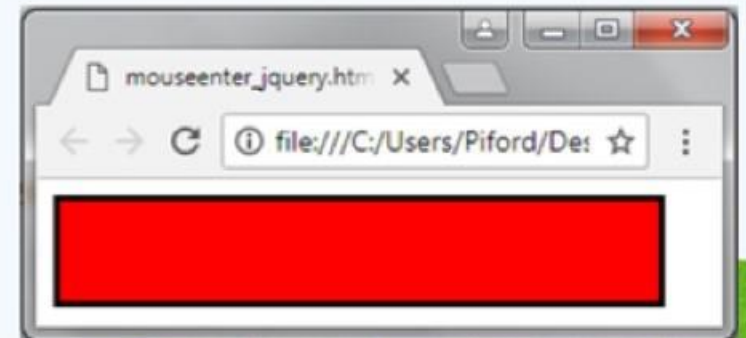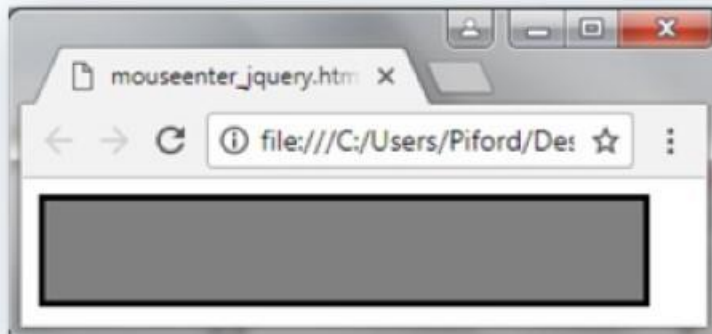
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Focus and blur Event

```
$(document).ready(function(){
                    $("input").focus(function(){
                        $(this).css("background-color", "#cccccc");
                    });
                    $("input").blur(function(){
                        $(this).css("background-color", "#ffffff");
                    });
            });
</script>
</head>
<body>
 Name: <input type="text"><br>
 Email: <input type="text">
```

focusblur.html

file:///C:/Users/Piford/Des

Name:
Email: yash@piford.com

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