# Bootstrap Examples

Modal Popup:

```html
<!DOCTYPE html>
<html>
    <head>
        <link rel="stylesheet" href="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/css/bootstrap.min.css">
        <script src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/jquery.min.js"></script>
        <script src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/bootstrap.min.js"></script>

    </head>
    <body>
        <div class="container-fluid">
            <button type="button" class="btn btn-primary" data-toggle="modal" data-target="#myModal">
                Open Modal Popup
            </button>
            <div class="modal" id="myModal">
                <div class="modal-dialog">
                    <div class="modal-content">
                        <div class="modal-header">
                            <h3>Header Text</h3>
                        </div>
                        <div class="modal-body">
                            Modal Popup Body
                        </div>
                        <div class="modal-footer">
                            <button type="button" class="btn btn-primary" data-dismiss="modal" >Close</button>
                            <button type="button" class="btn btn-primary">Save</button>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </body>
</html>
```

Bootstrap Icons:

```html
<!DOCTYPE html>
<html>
    <head>
        <link rel="stylesheet" href="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/css/bootstrap.min.css">
        <script src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/jquery.min.js"></script>
        <link rel="stylesheet" href="font-awesome-4.7.0/font-awesome-4.7.0/css/font-awesome.min.css" />
    </head>
    <body>
        <div class="cotainer-fluid">
            <div class="row">
                <div class="col-md-1">
                    <span><i class="fa fa-address-book">AddressBook</i></span>
                </div>
                <div>
                    <span><i class="fa fa-user-circle"></i></span>
                </div>
            </div>
        </div>
    </body>
</html>
```

# jQuery

1. You need some hands on experience on HTML,CSS and Javascript
2. jQuery is one of the most popular javascript frameworks
3. jQuery is very lightweight javascript framework
4. jQuery caption of "write less,do more"
5. jQuery is cross browser framework that can supports different kinds of browsers like chrome, firefox, safari and Internet explorer 9+
6. The extension of jquery file also .js only
7. Some of the popular companies using jQuery is Microsoft, IBM, Google

# Let's Get started with jQuery

1. jQuery has CDN(Content Delivery Networks)
2. jQuery as Local machine

## Download this jQuery

Go to Website of jquery.com and Download the latest version and Make a copy of it save into current working directory

## How to include into HTML Doc

<script></script> by using this tag we can import the jquery file into the html doc and you can also attribute called type="text/javascript"

## First Example of jQuery

```html
<!DOCTYPE html>
<html>
    <head>
        <title>Jquery Introduction</title>
        <script type="text/javascript" src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/jquery.min.js"></script>
        <script type="text/javascript">
            $(document).ready(function(){
                $("button").click(function(){
                    $("h1").hide();
                });
            });
        </script>
    </head>
    <body>
        <h1>Dhyanahita-DSPS</h1>
        <button type="button">click</button>
    </body>
</html>
```

1. First method of jquery will be executed as document and ready function
2. And after that user defined function will be executed as like button click event

## jQuery Example based on ID format

```html
<!DOCTYPE html>
<html>
    <head>
        <script type="text/javascript" src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/jquery.min.js"></script>
        <script type="text/javascript">
            $(document).ready(function(){
                $("#btnClick").click(function(){
                    $("#id1").hide();
                });
            });
        </script>
    </head>
    <body>
        <h1 id="id1">
            Dhyanahita-DSPS
        </h1>
        <h1 id="id2">
            Dhyanahita-DSPS
        </h1>
        <button id="btnClick" type="button">Click</button>
    </body>
</html>
```

Task : Define a HTML Doc with the help of class format and include the Jquery in it

# jQuery Methods

1. **hide()**
2. **show()**
3. **Toggle()**

**All of the above methods will have input parameter as time and time will be in milliseconds format**

```html
<!DOCTYPE html>
<html>
    <head>
        <script type="text/javascript" src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/jquery.min.js"></script>
        <script type="text/javascript">
            $(document).ready(function(){
                $("#btnHide").click(function(){
                    $("#id1").hide();
                });
                $("#btnShow").click(function(){
                    $("#id1").show();
                });
            });
        </script>
    </head>
    <body>
        <h1 id="id1">Dhyanahita-DSPS</h1>
        <h1 id="id2">Gitam University</h1>
        <button type="button" id="btnHide">Hide</button>
        <button type="button" id="btnShow">Show</button>
    </body>
</html>
```

```html
<!DOCTYPE html>
<html>
    <head>
        <script type="text/javascript" src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/jquery.min.js"></script>
        <script type="text/javascript">
            $(document).ready(function(){
                $("#btnHide").click(function(){
                    $("#id1").hide();
                });
                $("#btnShow").click(function(){
                    $("#id1").show();
                });
                $("#btnToggle").click(function(){
                    $("#id2").toggle(2000);
                });
            });
        </script>
    </head>
    <body>
        <h1 id="id1">Dhyanahita-DSPS</h1>
        <h1 id="id2">Gitam University</h1>
        <button type="button" id="btnHide">Hide</button>
        <button type="button" id="btnShow">Show</button>
        <button type="button" id="btnToggle">Toggle</button>
    </body>
</html>
```

# fadeIn() fadeOut() and fadeToggle()

```html
<!DOCTYPE html>
<html>
    <head>
        <script type="text/javascript" src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/jquery.min.js"></script>
        <script type="text/javascript">
            $(document).ready(function   (local function)(): void
                $("#btnfadeIn").click(function(){
                    $("#id1").fadeIn(3000);
                });
                $("#btnfadeOut").click(function(){
                    $("#id1").fadeOut(2000);
                });
                $("#btnToggle").click(function(){
                    $("#id1").fadeToggle();
                });
            });
        </script>
    </head>
    <body>
        <h1 id="id1">Dhyanahita-DSPS</h1>
        <button type="button" id="btnfadeOut">FadeOut</button>
        <button type="button" id="btnfadeIn">FadeIn</button>
        <button type="button" id="btnToggle">FadeToggle</button>
    </body>
</html>
```

## slideUp(), slideDown() and slideToggle()

```html
<!DOCTYPE html>
<html>
    <head>
        <script type="text/javascript" src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/jquery.min.js"></script>
        <script type="text/javascript">
            $(document).ready(function(){
                $("#btnSlideUp").click(function(){
                    $("#div1").slideUp();
                });
                $("#btnSlideDown").click(function(){
                    $("#div1").slideDown();
                });
                $("#btnSlideToggle").click(function(){
                    $("#div2").slideToggle(2000);
                });
            });
        </script>
    </head>
    <body>
        <div id="div1">
            <h1>slide</h1>
        </div>
        <div id="div2">
            <h1>slide</h1>
        </div>
        <button type="button" id="btnSlideDown">slideDown</button>
        <button type="button" id="btnSlideUp">SlideUp</button>
        <button type="button" id="btnSlideToggle">SlideToggle</button>
    </body>
</html>
```