**BANGALORE INSTITUTE OF TECHNOLOGY**

**K. R. Road, V. V. Pura, Bengaluru-560004**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Angular JS Laboratory**

**Course Code: 21CSL581 I.A. Marks : 50**

**Hours/Week: 2P Exam Hours: 03**

**Total Hours: 24 Exam Marks: 50**

**Week 5 Programs**

# Sample Program on ng-blur

<!DOCTYPE html>

<html>

    <head>

        <title>ng-blur</title>

        <script type="text/javascript" src="https:\\ajax.googleapis.com\ajax\libs\angularjs\1.8.2\angular.min.js">

        </script>

    </head>

    <body ng-app="">

        Keep Focus and Keep losing focus from me to get the action done:<input type="text" ng-model="name" ng-init="count=0" ng-blur="count=count+1">

        <br/>

        {{count}}

    </body>

    </html>

# Sample Program on span tag

<!DOCTYPE html>

<html>

<body>

<h1>The span element</h1>

<p>My mother has <span style="color:blue;font-weight:bold">blue</span>

     eyes and my father has <span style="color:darkolivegreen;font-weight:bold">dark green</span> eyes.</p>

</body>

</html>

1. **Sample Program on list of student objects**

<!DOCTYPE html>

<html>

    <head> <title>DEMO ON LIST OF STUDENT OBJECTS </title>

        <script type="text/javascript" src="https:\\ajax.googleapis.com\ajax\libs\angularjs\1.8.2\angular.min.js">

        </script>

        <script>

            var app=angular.module("myApp",[]);

            app.controller("myCntrl",function($scope){

            $scope.studlist=[

             {'USN':'1BI21CS120','NAME':'THANUJA','DEPT':'CSE','SEMESTER':8,'MARKS':99},

             {'USN':'1BI21CS121','NAME':'THANU','DEPT':'CSE','SEMESTER':7,'MARKS':90},

             {'USN':'1BI21CS122','NAME':'THANVI','DEPT':'CSE','SEMESTER':6,'MARKS':79},

             {'USN':'1BI21CS123','NAME':'ANU','DEPT':'CSE','SEMESTER':5,'MARKS':90}]

            });

        </script>

    </head>

    <body ng-app="myApp">

        <h1>STUDENT LIST</h1>

        <div ng-controller="myCntrl">

            <table border="1">

                <tr> <th>USN</th>

<th>NAME</th>

                    <th>DEPT</th>

                    <th>SEM</th>

                    <th>MARKS</th> </tr>

                <tr ng-repeat="stu in studlist">

                    <td>{{stu.USN}}</td>

                    <td>{{stu.NAME}}</td>

                    <td>{{stu.DEPT}}</td>

                    <td>{{stu.SEMESTER}}</td>

                    <td>{{stu.MARKS}}</td>

                </tr>

            </table>

        </div>

    </body>     </html>

1. **Sample Program on external controller**

**extcnt.html**

<!DOCTYPE html>

<html>

 <head> <title>DEMO ON WRITING THE EXTERNAL CONTROLLER </title>

        <script type="text/javascript" src="https:\\ajax.googleapis.com\ajax\libs\angularjs\1.8.2\angular.min.js">

        </script>

        <script src="stud.js"></script>

    </head>

    <body ng-app="myApp">

        <h1>STUDENT LIST</h1>

        <div ng-controller="myCntrl">

         <table border="1">

                <tr>

                    <th>USN</th>                     <th>NAME</th>

                    <th>DEPT</th>                    <th>SEM</th>

                    <th>MARKS</th>

                </tr>

                <tr ng-repeat="stu in studlist">

                    <td>{{stu.USN}}</td>                    <td>{{stu.NAME}}</td>

                    <td>{{stu.DEPT}}</td>                 <td>{{stu.SEMESTER}}</td>

                    <td>{{stu.MARKS}}</td>

                </tr>

            </table>

        </div>

    </body>

    </html>

**stud.js**

var app=angular.module("myApp",[]);

            app.controller("myCntrl",function($scope){

                $scope.studlist=[

                   {'USN':'1BI21CS120','NAME':'THANUJA','DEPT':'CSE','SEMESTER':8,'MARKS':99},

                     {'USN':'1BI21CS121','NAME':'THANU','DEPT':'CSE','SEMESTER':7,'MARKS':90},

                     {'USN':'1BI21CS122','NAME':'THANVI','DEPT':'CSE','SEMESTER':6,'MARKS':79},

                     {'USN':'1BI21CS123','NAME':'ANU','DEPT':'CSE','SEMESTER':5,'MARKS':90}]

            });

1. **LAB PROGRAM 6**

<!DOCTYPE html>

<html>

    <head>         <title>LAB6 PROGRAM</title>

        <script type="text/javascript" src="https:\\ajax.googleapis.com\ajax\libs\angularjs\1.8.2\angular.min.js">

        </script>

        <script>

        var app=angular.module("myApp",[]);

            app.controller("myCntrl",function($scope){

               $scope.tasks=[{"TITLE":"Task-1","COMPLETED":true,"EDITING":false},

                             {"TITLE":"Task-2","COMPLETED":false,"EDITING":false},

                             {"TITLE":"Task-3","COMPLETED":true,"EDITING":false}

                            ]

                $scope.addtask=function(){

                    if($scope.newtask){

                    var t={

                        'TITLE':$scope.newtask,

                        'COMPLETED':false,

                        'EDITING':false

                    }

                    $scope.tasks.push(t)

                }

                else

                    alert("Please enter the task to add")

                }

                $scope.edittask=function(task)

                {

                    task.EDITING=true

                }

                $scope.turnOffEditing=function(task)

                {

                    task.EDITING=false

                }

                $scope.deletetask=function(task)

                {

                    var index=$scope.tasks.indexOf(task)

                    $scope.tasks.splice(index,1)

                }

            });

        </script>

    </head>

    <body ng-app="myApp">

        <h1>TO DO APPLICATION</h1>

        <div ng-controller="myCntrl">

            Enter the Name of the Task:<input type="text" ng-model="newtask">

            <button ng-click="addtask()">ADD TASK</button><br/>

            <ul>

                <li ng-repeat="task in tasks">

                    <input type="checkbox" ng-model="task.COMPLETED">

                    <span ng-show="!task.EDITING">{{task.TITLE}}</span>

                    <input type="text" ng-show="task.EDITING" ng-model="task.TITLE" ng-blur="turnOffEditing(task)">

                    <button ng-click="edittask(task)">EDIT</button>

                    <button ng-click="deletetask(task)">DELETE</button>

                </li>

            </ul>

        </div>

    </body>

    </html>

**Faculty In-charges**

**Course Coordinator Module Coordinator IQAC Programme Coordinator**