1. **LAB PROGRAM 8**

**Develop AngularJS program to create a login form, with validation for the username and password fields.**

<!DOCTYPE html>

<html>

    <head>

        <title>LAB8 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.username=''

               $scope.password=''

               $scope.noattempts=0

               $scope.login=function()

               {

                //console.log("Inside login function")

                if($scope.username=="thanuja" && $scope.password=="12345678")

                {

                    alert("Login Successful")

                }

                else{

                    $scope.noattempts++

                    if($scope.noattempts<=3)

                    {

                        alert("Incorrect username/password! Attempt No. "+$scope.noattempts)

                    }

                    else

                    {

                        document.getElementById("loginbutton").disabled=true

                    }

                }

                }

            });

        </script>

        <style>

            .error-message{color:red; font-size:20px}

        </style>

    </head>

    <body ng-app="myApp">

        <h1>ANGULARJS LOGIN FORM</h1>

        <form name="loginform" ng-submit="submitform()">

            <div ng-controller="myCntrl">

                Enter User Name:<input type="text" name="username" ng-model="username" ng-minlength="5" ng-maxlength="8" required>

                <span class="error-message" ng-show="loginform.username.$error.required && loginform.username.$dirty">User Name is Required</span>

                <span class="error-message" ng-show="loginform.username.$error.minlength">Minimum Length Must be 5</span>

                <span class="error-message" ng-show="loginform.username.$error.maxlength">Maximum Username Length is Limited to 8</span><br/><br/>

                Enter Password:<input type="password" name="password" ng-model="password" ng-minlength="5" ng-maxlength="8" required>

                <span class="error-message" ng-show="loginform.password.$error.required && loginform.password.$dirty">Password is Required</span>

                <span class="error-message" ng-show="loginform.password.$error.minlength"> Minimum Password Length Must be 5</span>

                <span class="error-message" ng-show="loginform.password.$error.maxlength"> Maximum Password Length is Limited to 8</span><br/><br/>

                <button type="submit" **ng-disabled="loginform.$invalid"** ng-click="login()" id="loginbutton">Login</button>

            </div>

        </form>

    </body>

</html>