

Practical – 7

Write AngularJS service which makes the addition/subtraction of two numbers entered in textboxes when Add/Sub button is clicked. Enter Number A: Enter Number B: Result: ???

CODE :

```
<!DOCTYPE html>
<html lang="en" ng-app="calcApp">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Practical 7</title>
  <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>
  <style>
    body {
      font-family: Arial, sans-serif;
      padding: 30px;
    }
    .box {
      width: 450px;
    }
    input {
      width: 250px;
      padding: 8px;
      margin: 8px 0;
    }
    button {
      padding: 10px 30px;
      margin: 10px;
      font-size: 16px;
      cursor: pointer;
    }
    h3 {
      margin-top: 20px;
    }
  </style>
</head>
<body ng-controller="calcCtrl">
  <div class="box">
    <h2>AngularJS Service Add / Sub</h2>
    <label><b>Enter Number A:</b></label>
    <input type="number" ng-model="num1" placeholder="enter num1">
    <br>
```

```
<label><b>Enter Number B:</b></label>
<input type="number" ng-model="num2" placeholder="enter num2">
<br><br>
<button ng-click="add()">Add</button>
<button ng-click="sub()">Sub</button>
<h3>Result: {{ result }}</h3>
</div>
<script>
var app = angular.module("calcApp", []);
app.service("calcService", function () {
    this.addition = function (a, b) {
        return a + b;
    };
    this.subtraction = function (a, b) {
        return a - b;
    };
});
app.controller("calcCtrl", function ($scope, calcService) {
    $scope.num1 = 0;
    $scope.num2 = 0;
    $scope.result = 0;
    $scope.add = function () {
        $scope.result = calcService.addition(Number($scope.num1),
Number($scope.num2));
    };
    $scope.sub = function () {
        $scope.result = calcService.subtraction(Number($scope.num1),
Number($scope.num2));
    };
});
</script>
</body>
</html>
```

OUTPUT :

AngularJS Service Add / Sub

Enter Number A:

Enter Number B:

Result: 120

AngularJS Service Add / Sub

Enter Number A:

Enter Number B:

Result: 80