



**技职教育系**

**Department of Vocational Education**

**软件工程与移动应用程序开发课程**

**Software Engineering and Application Developer  
(SEMD)**

**个人作业 2**

**Assignment 2**

科目	Subject	Javascript Programming
科目编号 Code	Subject	SEMD017
中文姓名 Name	Chinese	卢诚禧
英文姓名 Name	English	Loo Zhen Xi
学号 ID	Student	1850170
分数	Marks	

### Score System

Student Name	Physics	Chemistry	Biology	
Zhen Xi	80	80	80	X
Xi Zhen	20	30	40	X
Add				

  

Student Name	Physics	Chemistry	Biology	Total
Zhen Xi	80	80	80	240
Xi Zhen	20	30	40	90
The Hight Score	80	80	80	
The Lowest Score	20	30	40	
The Average Score	50	55	60	

```

///// html//////////
<!doctype html>
<html ng-app="myApp" >
<head>
  <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.0.2/angular.js"></script>

  <style>
    .scoretable td{
      padding-left: 20px;
    }
    .showtable{
      width: 100%;
      text-align: center;
    }

    .showdetail{
      padding-top: 50px;
      width: 100%;
      text-align: center;
    }

    .color1{
      color: darkgreen;
      font-size: 20px;
    }

    .color2{
      color:red;
      font-size: 20px;
    }

    .color3{

```

```

    color:blue;
    font-size: 20px;
}

.ftd{
    font-size: 20px;
    color: blue;
}

input[type=number]::-webkit-inner-spin-button,
input[type=number]::-webkit-outer-spin-button {
    -webkit-appearance: none;
    margin: 0;
}

</style>
</head>
<body ng-controller="MainCtrl" background="background.jpg">

<center style="padding-top: 5%;">

    <h1>Score System</h1>

    <table class="scoretable">
        <tr>
            <th>Student Name</th>
            <th>Physics</th>
            <th>Chemistry</th>
            <th>Biology</th>
        </tr>
        <tr class="input-append" ng-repeat="student in students">
            <td><input type="text" ng-model="student.name"></td>

            <td><input type="number" ng-model="student.physics"></td>

            <td><input type="number" ng-model="student.chemistry"></td>

            <td><input type="number" ng-model="student.biology"></td>

            <td><button class="btn" ng-click="remove($index)">X</button></td>
        </tr>
    </table>

    <center>
        <br>
        <br>
        <button id="add" class="btn btn-small" ng-click="add()">Add</button>

```

```

</center>

<br>
<hr>

<table class="showtable" cellpadding="10">
  <tr>
    <th>Student Name</th>
    <th>Physics</th>
    <th>Chemistry</th>
    <th>Biology</th>
    <th>Total</th>
  </tr>

  <tr class="display" ng-repeat="student in students">
    <td>{{student.name}}</td>
    <td>{{student.physics}}</td>
    <td>{{student.chemistry}}</td>
    <td>{{student.biology}}</td>
    <td>{{student.physics + student.chemistry + student.biology}}</td>
  </tr>

  <tr class="color1">
    <td class="ftd">The Hight Score</td>
    <td class="std">{{physicshighest()}}</td>
    <td class="std">{{chemistryhighest()}}</td>
    <td class="std">{{biologyhighest()}}</td>
  </tr>

  <tr class="color2">
    <td class="ftd">The Lowest Score</td>
    <td class="std">{{physicslowest()}}</td>
    <td class="std">{{chemistrylowest()}}</td>
    <td class="std">{{biologylowest()}}</td>
  </tr>

  <tr class="color3">
    <td class="ftd">The Average Score</td>
    <td class="std">{{physicsavg()}}</td>
    <td class="std">{{chemistryavg()}}</td>
    <td class="std">{{biologyavg()}}</td>
  </tr>
</table>

</center>
<script type="text/javascript" src="final.js"></script>
</body>
</html>

```

```

//////////javascript//////////
var total = 0;
var app = angular.module('myApp', []);

app.controller('MainCtrl', function($scope) {
  $scope.students = [
    {name: "",physics: "",chemistry: "",biology: ""}
  ];

  $scope.remove = function(index) {
    $scope.students.splice(index, 1);
  };

  $scope.add = function() {
    $scope.students.push({name: "",physics: "",chemistry: "",biology: ""});
  };

  $scope.physicshighest = function(){
    var hihgest = 0;
    for(var i = 0; i < $scope.students.length;i++){
      var mark = $scope.students[i].physics;
      if(i == 0){
        hihgest = mark
      }
      if(hihgest < mark){
        hihgest = mark;
      }
    }
    return hihgest;
  }

  $scope.chemistryhighest = function(){
    var hihgest = 0;
    for(var i = 0; i < $scope.students.length;i++){
      var mark = $scope.students[i].chemistry;
      if(i == 0){
        hihgest = mark
      }
      if(hihgest < mark){
        hihgest = mark;
      }
    }
    return hihgest;
  }

  $scope.biologyhighest = function(){

```

```

var hihgest = 0;
for(var i = 0; i < $scope.students.length;i++){
  var mark = $scope.students[i].biology;
  if(i == 0){
    hihgest = mark
  }
  if(hihgest < mark){
    hihgest = mark;
  }
}
return hihgest;
}

```

```

$scope.physicslowest = function(){
var lowest = 0;
for(var i = 0; i < $scope.students.length;i++){
  var mark = $scope.students[i].physics;
  if(i == 0){
    lowest = mark
  }
  if(mark < lowest){
    lowest = mark
  }
}
return lowest;
}

```

```

$scope.chemistrylowest = function(){
var lowest = 0;
for(var i = 0; i < $scope.students.length;i++){
  var mark = $scope.students[i].chemistry;
  if(i == 0){
    lowest = mark
  }
  if(mark < lowest){
    lowest = mark
  }
}
return lowest;
}

```

```

$scope.biologylowest = function(){
var lowest = 0;
for(var i = 0; i < $scope.students.length;i++){
  var mark = $scope.students[i].biology;
  if(i == 0){
    lowest = mark
  }
}

```

```
    if(mark < lowest){  
        lowest = mark  
    }  
}  
return lowest;  
}
```

```
$scope.physicsavg = function(){  
    var avg = 0;  
    for(var i = 0; i < $scope.students.length;i++){  
        var mark = $scope.students[i].physics;  
        avg += mark  
    }  
    avg = avg / $scope.students.length;  
    return avg;  
}
```

```
$scope.chemistryavg = function(){  
    var avg = 0;  
    for(var i = 0; i < $scope.students.length;i++){  
        var mark = $scope.students[i].chemistry;  
        avg += mark  
    }  
    avg = avg / $scope.students.length;  
    return avg;  
}
```

```
$scope.biologyavg = function(){  
    var avg = 0;  
    for(var i = 0; i < $scope.students.length;i++){  
        var mark = $scope.students[i].biology;  
        avg += mark  
    }  
    avg = avg / $scope.students.length;  
    return avg;  
}  
});
```