DOP: / /2023 **DOS: / /2023**

Experiment No: 05

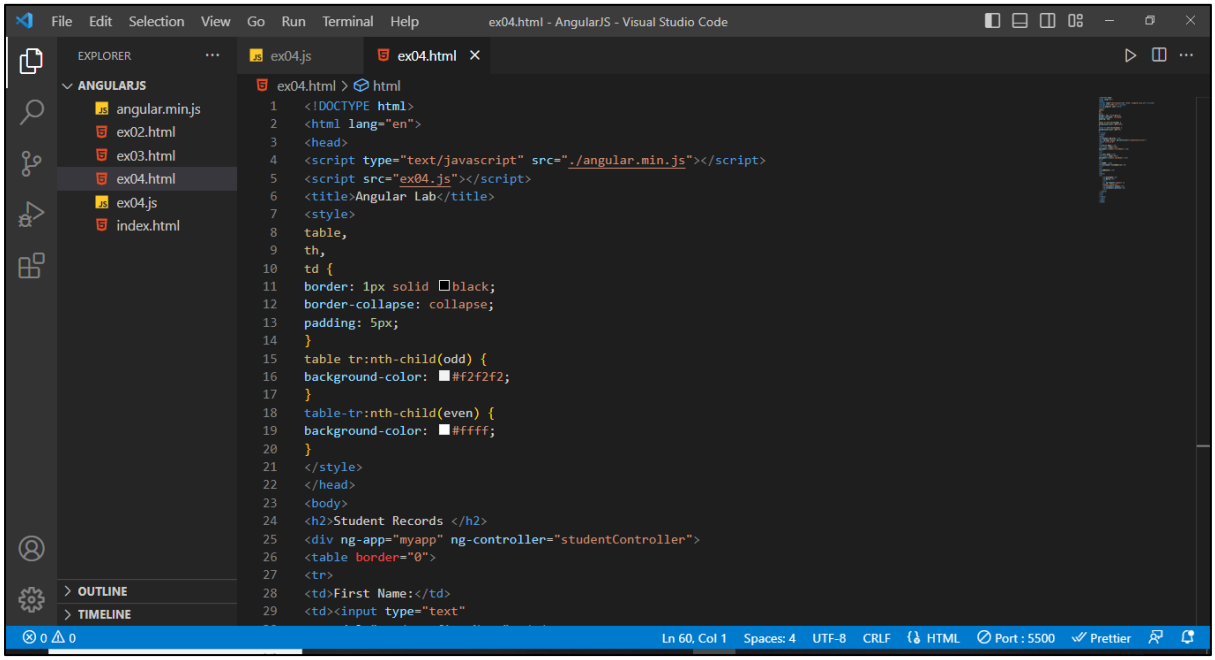
Title: Create an application for like student records using AngularJS.

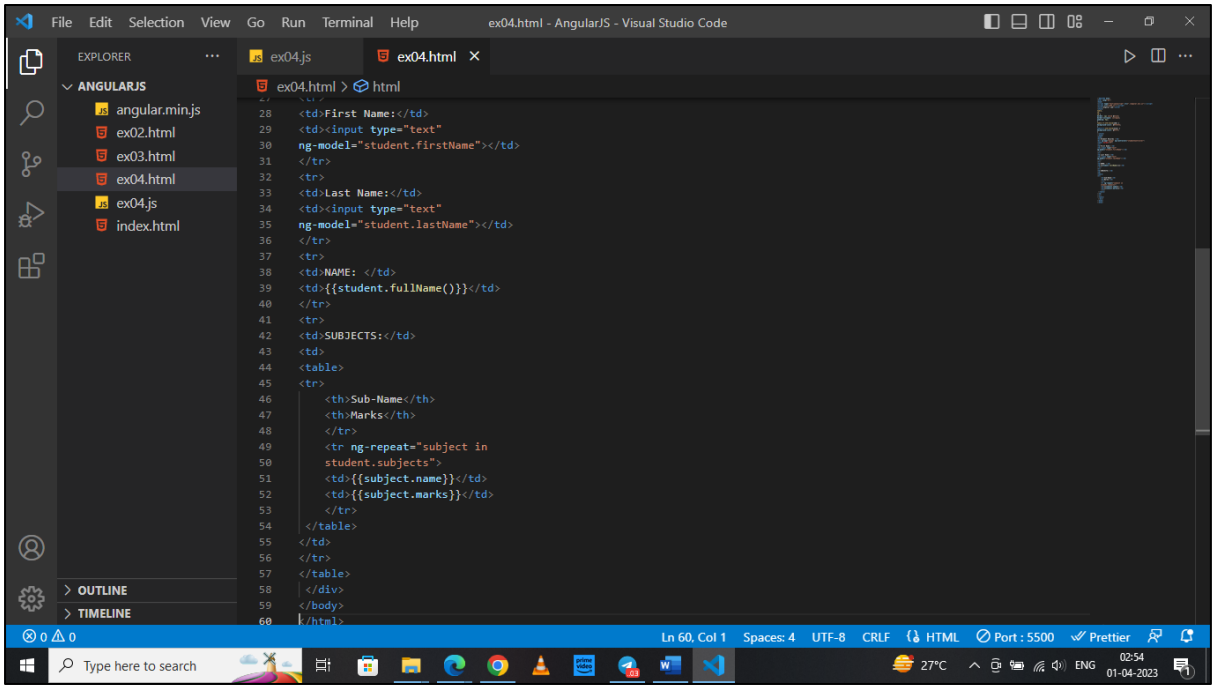
Theory:

- **NG-CONTROLLER**: The ng-controller directive adds a controller to your application. In the controller, you can write code, and make functions and variables, which will be parts of an object, available inside the current HTML element. In AngularJS this object is called a scope.
- **NG-MODEL**: Ng-model is a directive in Angular. JS represents models and its primary purpose is to bind the “view” to the “model”. The ng-model directive binds the value of HTML controls (input, select, text area) to application data.
- **NG-APP:** The ng-app directive is a starting point for the AngularJS Application. It initializes the AngularJS framework automatically. AngularJS framework will first check for the ng-app directive in an HTML document after the entire document is loaded and if ng-app is found, it bootstraps itself and compiles the HTML template.

Input:

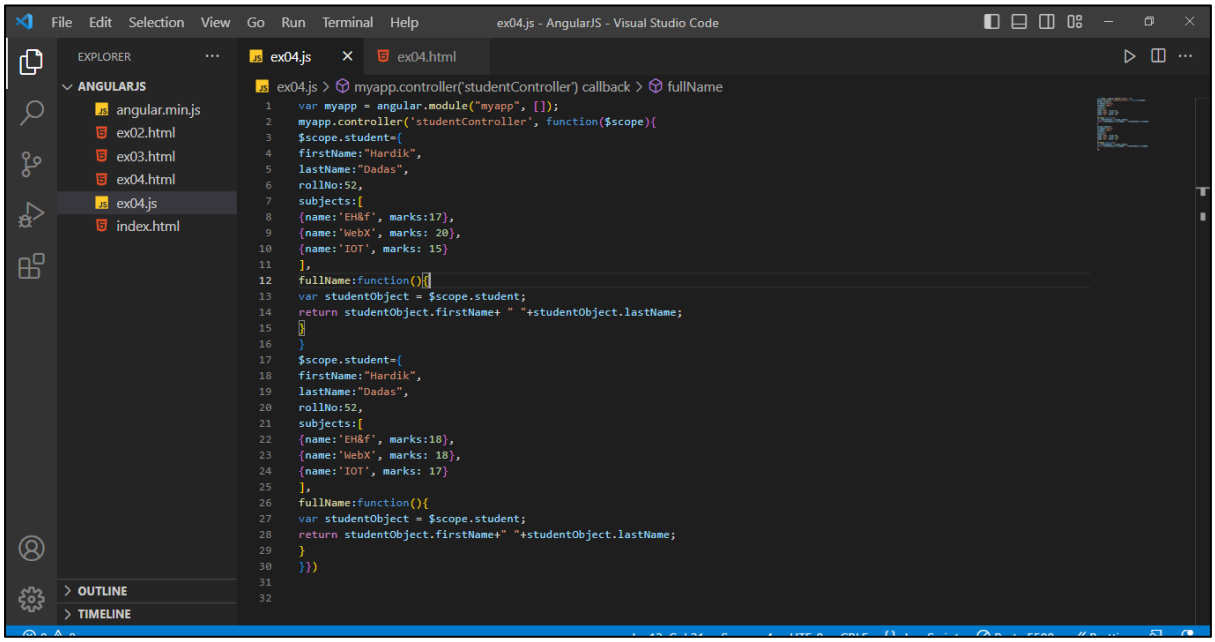
exp.html (file)



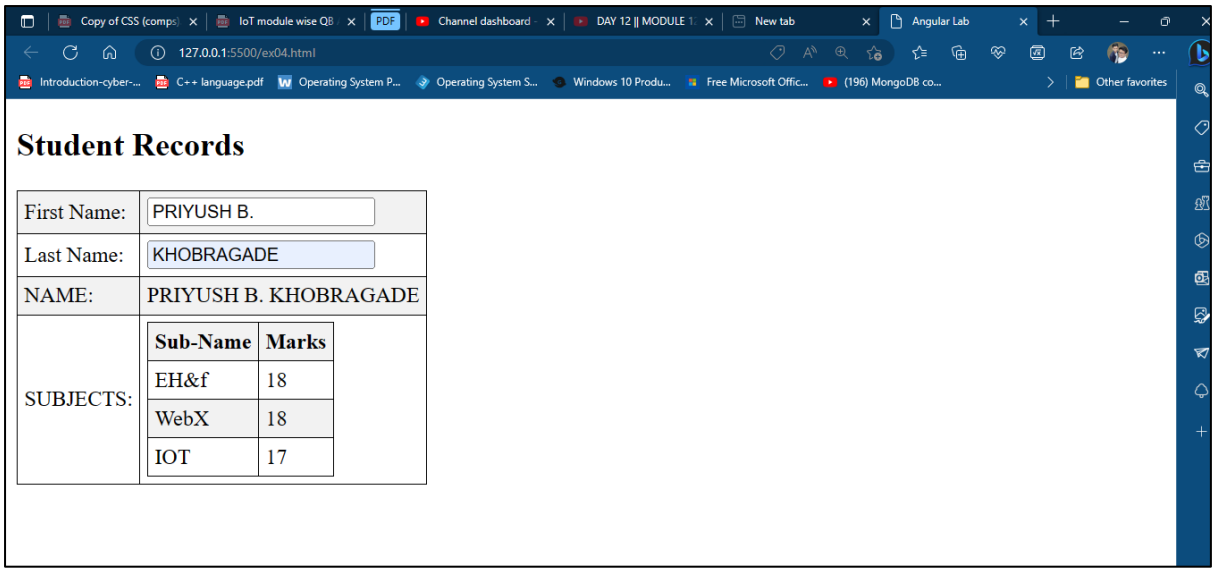

File Edit Selection View Go Run Terminal Help
ex04.html - AngularJS - Visual Studio Code
EXPLORER
ANGULARJS
angular.min.js
ex02.html
ex03.html
ex04.html
ex04.js
index.html
OUTLINE
TIMELINE
ex04.js
ex04.html
ex04.html > html
<td>First Name:</td>
<td><input type="text"
ng-model="student.firstName"></td>
</tr>
<tr>
<td>Last Name:</td>
<td><input type="text"
ng-model="student.lastName"></td>
</tr>
<tr>
<td>NAME: </td>
<td>{{student.fullName()}}</td>
</tr>
<tr>
<td>SUBJECTS:</td>
<td>
<table>
<tr>
<th>Sub-Name</th>
<th>Marks</th>
</tr>
<tr ng-repeat="subject in
student.subjects">
<td>{{subject.name}}</td>
<td>{{subject.marks}}</td>
</tr>
</table>
</td>
</tr>
</table>

</body>
</html>
Ln 60, Col 1 Spaces: 4 UTF-8 CRLF HTML Port : 5500 Prettier
Type here to search
27°C
ENG
02:54
01-04-2023

exp.js (file)


File Edit Selection View Go Run Terminal Help
ex04.js - AngularJS - Visual Studio Code
EXPLORER
ANGULARJS
angular.min.js
ex02.html
ex03.html
ex04.html
ex04.js
index.html
OUTLINE
TIMELINE
ex04.js
ex04.html
ex04.js > myapp.controller('studentController') callback > fullName
var myapp = angular.module("myapp", []);
myapp.controller('studentController', function($scope){
$scope.student={
firstName:"Hardik",
lastName:"Dadas",
rollNo:52,
subjects:[
{name:'EH&f', marks:17},
{name:'WebX', marks: 20},
{name:'IOT', marks: 15}
],
fullName:function(){
var studentObject = $scope.student;
return studentObject.firstName+ " "+studentObject.lastName;
}
}
$scope.student={
firstName:"Hardik",
lastName:"Dadas",
rollNo:52,
subjects:[
{name:'EH&f', marks:18},
{name:'WebX', marks: 18},
{name:'IOT', marks: 17}
],
fullName:function(){
var studentObject = $scope.student;
return studentObject.firstName+" "+studentObject.lastName;
}
})

Output:



Conclusion: - Thus we have created an application for student records using AngularJs.