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2.

3. Review Test Submission: WebDev Final Summer 1 2018 G

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**CS5610 40600 Web Development SEC 01 Summer 1 2018 (CS5610.40600.201840)**[Home Page](#)

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»Review Test Submission: WebDev Final

Summer 1 2018 G

User	Sujith Srivardhan Arram
Course	CS5610 40600 Web Development SEC 01 Summer 1 2018
Test	WebDev Final Summer 1 2018 G
Started	6/21/18 1:30 PM
Submitted	6/21/18 2:47 PM
Status	Completed
Attempt Score	113 out of 131 points
Time Elapsed	1 hour, 16 minutes out of 2 hours
Instructions	<p>Read the whole question before answering it. Fill in the blanks with specific words or expressions. There is only one possible right answer derived from the context of the question and question narrative. Make sure to check the following before submitting your answers:</p> <p>Spelling - spell all words or phrases correctly Capitalization - answers are case sensitive</p>

Punctuation - use periods (.), commas (,), colons (:), semicolons (;) where appropriate  
 Quotes - only use single quotes where appropriate, and only when absolutely necessary, e.g., to specify strings  
 Use parenthesis, square and curly brackets where appropriate. For instance, some functions will need parenthesis, e.g., someFunction(). Some template directives will need square brackets AND parenthesis, e.g., [(ngModel)]  
 Dot versus square bracket notation - prefer the dot notation when accessing a JSON attribute, e.g., if var alice = { first: 'alice', last: 'wonder' }, use alice.first instead of alice['first']  
 If you feel there is an error in a question, report it on piazza on a post specific for reporting quiz errors. Fixes will be done for the whole class and the exam will regrade automatically.

Results  
 Displayed All Answers, Submitted Answers, Correct Answers






• Question 1

5 out of 5 points

Use **Angular** to bind a **click** event on the line item below and invoke a component function called **selectModule** which sets a component variable called **selectedModuleId**

```
<li [click]="[selectModule](321)">
  CS3200
</li>
```

```
export class CourseListComponent {
  [selectedModuleId] = 0;
  [selectModule2](moduleId) {
    [thisselectedModuleId] = moduleId;
  }
}
```

Specified Answer for: click  (click)  
 Specified Answer for: selectModule  selectModule  
 Specified Answer for: selectedModuleId  selectedModuleId  
 Specified Answer for: selectModule2  selectModule  
 Specified Answer for: thisselectedModuleId  this.selectedModuleId

Correct Answers for: click

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	(click)	Case Sensitive

Correct Answers for: selectModule

Evaluation Method	Correct Answer	Case Sensitivity
-------------------	----------------	------------------

✔ Exact Match	selectModule	Case Sensitive
<b>Correct Answers for: selectedModuleId</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ Exact Match	selectedModuleId	Case Sensitive
<b>Correct Answers for: selectModule2</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ Exact Match	selectModule	Case Sensitive
<b>Correct Answers for: thisselectedModuleId</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ Exact Match	this.selectedModuleId	Case Sensitive

## • Question 2

4 out of 7 points

Use React.js react router dom library to declare a root router and a link that navigates to a CourseList component for a URL similar to  
http://localhost:4200/course

**import** {[BrowserRouter] **as** Router} **from** 'react-router-dom'

```
render() {
  return (
    <Router>
      <div>
        <h1>Course Manager</h1>
        <[Route] [path]="/[course]"
          [component]=[CourseList]>
        </[Route1]>
      </div>
    </Router>
  )
}
```

Specified Answer for: BrowserRouter ✔ BrowserRouter

Specified Answer for: Route ✖ Link

Specified Answer for: path ✖ to

Specified Answer for: course ✔ course

Specified Answer for: component ✔ component

Specified Answer for: CourseList ✔ CourseList

Specified Answer for: Route1

 Link


#### Correct Answers for: BrowserRouter

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	BrowserRouter	

#### Correct Answers for: Route

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	Route	


#### Correct Answers for: path

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	path	

#### Correct Answers for: course

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	course	

#### Correct Answers for: component

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	component	

#### Correct Answers for: CourseList

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	CourseList	

#### Correct Answers for: Route1

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	Route	


- Question 3


9 out of 9 points


Use **Angular** routing to implement a **ProfileComponent** that reads a parameter from the URL called **userId** and assigns it to a component variable of the same name


```
import { [ActivatedRoute] } from '@angular/router';
import { OnInit } from "@angular/core";
export class [ProfileComponent] implements OnInit {
  userId = "";
  [constructor]([private] aRoute: [ActivatedRoute1]) {
    [this].aRoute.params
      .[subscribe](params => {
        this.userId = [params].[userId];
      });
  }
}
```


```
}  
}
```


Specified Answer for: ActivatedRoute  ActivatedRoute


Specified Answer for: ProfileComponent  ProfileComponent


Specified Answer for: constructor  constructor


Specified Answer for: private  private

Specified Answer for: ActivatedRoute1  ActivatedRoute

Specified Answer for: this  this

Specified Answer for: subscribe  subscribe


Specified Answer for: params  params

Specified Answer for: userId  userId

#### Correct Answers for: ActivatedRoute

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	ActivatedRoute	Case Sensitive


#### Correct Answers for: ProfileComponent

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	ProfileComponent	Case Sensitive

#### Correct Answers for: constructor

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	constructor	Case Sensitive


#### Correct Answers for: private

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	private	Case Sensitive

#### Correct Answers for: ActivatedRoute1

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	ActivatedRoute	Case Sensitive

#### Correct Answers for: this

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	this	Case Sensitive

#### Correct Answers for: subscribe

Evaluation Method	Correct Answer	Case Sensitivity
-------------------	----------------	------------------

✔Exact Match	subscribe	Case Sensitive
<b>Correct Answers for: params</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔Exact Match	params	Case Sensitive
<b>Correct Answers for: userId</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔Exact Match	userId	Case Sensitive

#### • Question 4


13 out of 14 points


Use React.js react router dom elements to declare a route that will load a **Quiz** component when the path are /quiz/123 and /quiz/234


Where **123** and **234** are the IDs of some quiz object. Bind the IDs to a path parameter called **id**. Be careful not to add additional punctuations, spaces, slashes, brackets, colons, or quotes.


```
<[Router]>
  <[Link] [to]="/quiz/123">
    Quiz 123
  </[Link2]>
  <[Link3] [to2]="/quiz/234">
    Quiz 234
  </[Link4]>
  <[Route] [path]='/[quiz]/:[id]'
    [component]={[Quiz2]}/> </[Router1]>
```


Specified Answer for: Router	✔Router
Specified Answer for: Link	✔Link
Specified Answer for: to	✔to
Specified Answer for: Link2	✔Link
Specified Answer for: Link3	✔Link
Specified Answer for: to2	✔to
Specified Answer for: Link4	✔Link


Specified Answer for: Route       Route


Specified Answer for: path       path

Specified Answer for: quiz       /quiz

Specified Answer for: id       id

Specified Answer for: component       component


Specified Answer for: Quiz2       Quiz

Specified Answer for: Router1       Router


#### Correct Answers for: Router

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	Router	Case Sensitive


#### Correct Answers for: Link

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	Link	Case Sensitive

#### Correct Answers for: to

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	to	Case Sensitive


#### Correct Answers for: Link2

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	Link	Case Sensitive

#### Correct Answers for: Link3

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	Link	Case Sensitive

#### Correct Answers for: to2

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	to	Case Sensitive

#### Correct Answers for: Link4

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	Link	Case Sensitive

#### Correct Answers for: Route

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	Route	Case Sensitive

#### Correct Answers for: path

Evaluation Method	Correct Answer	Case Sensitivity
-------------------	----------------	------------------

✔ <i>Exact Match</i>	path	Case Sensitive
<b>Correct Answers for: quiz</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	quiz	Case Sensitive
<b>Correct Answers for: id</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	id	Case Sensitive
<b>Correct Answers for: component</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	component	Case Sensitive
<b>Correct Answers for: Quiz2</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	Quiz	Case Sensitive
<b>Correct Answers for: Router1</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	Router	Case Sensitive

• **Question 5**

1 out of 2 points

Use **Angular** routing to create a Hyperlink that routes to a URL with the following pattern: **http://localhost:4000/login**

```
<nav>
  <a [routerLink]="[/login]">
    Login
  </a>
</nav>
```

Specified Answer for: routerLink ✔ routerLink

Specified Answer for: login ✖ http://localhost:4000/login

<b>Correct Answers for: routerLink</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	routerLink	Case Sensitive
<b>Correct Answers for: login</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	login	Case Sensitive



## • Question 6

8 out of 11 points

Use **Angular** routing to implement a **LoginComponent** that handles a **click** event in function **login()** that navigates to a route such as

**http://localhost:4200/user/123**

where **123** is the ID of some user

```
<button [click]="login()">
```

Login

```
</button>
```

```
[import] { [Router] } [from] '@angular/router';
export class LoginComponent {
```

```
  [constructor](private [router]: Router) { }
```

```
  [login] {
    [this].router.[navigate]('/user/[123]');
  }
}
```

Specified Answer for: click	✔(click)
Specified Answer for: import	✔import
Specified Answer for: Router	✘Routes
Specified Answer for: from	✘RouterModule
Specified Answer for: LoginComponent	✔LoginComponent
Specified Answer for: constructor	✔constructor
Specified Answer for: router	✔router
Specified Answer for: login	✘login
Specified Answer for: this	✔this
Specified Answer for: navigate	✔navigate
Specified Answer for: 123	✔123

### Correct Answers for: click

Evaluation Method	Correct Answer	Case Sensitivity
✔Exact Match	(click)	Case Sensitive

### Correct Answers for: import

Evaluation Method	Correct Answer	Case Sensitivity
-------------------	----------------	------------------

✔ <i>Exact Match</i>	import	Case Sensitive
<b>Correct Answers for: Router</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	Router	Case Sensitive
<b>Correct Answers for: from</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	from	Case Sensitive
<b>Correct Answers for: LoginComponent</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	LoginComponent	Case Sensitive
<b>Correct Answers for: constructor</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	constructor	Case Sensitive
<b>Correct Answers for: router</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	router	Case Sensitive
<b>Correct Answers for: login</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	login()	Case Sensitive
<b>Correct Answers for: this</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	this	Case Sensitive
<b>Correct Answers for: navigate</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	navigate	Case Sensitive
<b>Correct Answers for: 123</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	123	Case Sensitive

## • Question 7

4 out of 8 points


Use Node libraries **express**, **body parser**, and **mongoose** to create an HTTP server that listens on port **4567** and connects to a **MongoDB** database called **gravity** running on port **173.48.55.247**. The server should configure a body parser to retrieve JSON data from the BODY of incoming HTTP requests. Make sure to read the whole question before answering it.


```


var e = require('express');
var a = [eLeftParenRightParen];
var b = require('[bodyDashParser]');
const m = require('mongoose');


[mDotConnect]('[mongodb]://173.48.55.247/[gravity]');
[aDotUse]([bDotJson]());
a.use(b.urlencoded({ extended: true }));
[aDotListen](4567);


```


Specified Answer for: eLeftParenRightParen  express()


Specified Answer for: bodyDashParser  body-parser


Specified Answer for: mDotConnect  mongoose.connect

Specified Answer for: mongodb  mongodb

Specified Answer for: gravity  MongoDB

Specified Answer for: aDotUse  app.use


Specified Answer for: bDotJson  b.json

Specified Answer for: aDotListen  app.listen


#### Correct Answers for: eLeftParenRightParen

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	e()	Case Sensitive


#### Correct Answers for: bodyDashParser

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	body-parser	Case Sensitive


#### Correct Answers for: mDotConnect

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	m.connect	Case Sensitive

#### Correct Answers for: mongodb

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	mongodb	Case Sensitive

#### Correct Answers for: gravity

Evaluation Method	Correct Answer	Case Sensitivity
 Pattern Match	(gravity)?	

#### Correct Answers for: aDotUse

Evaluation Method	Correct Answer	Case Sensitivity
-------------------	----------------	------------------

✔ <i>Exact Match</i>	a.use	Case Sensitive
<b>Correct Answers for: bDotJson</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	b.json	Case Sensitive
<b>Correct Answers for: aDotListen</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	a.listen	Case Sensitive

## • Question 8

14 out of 14 points

Use Angular to create a service called MovieServiceClient. In the service, implement a function called findAllMovies() that fetches a JSON array of movie objects from the following Web service end point:

<http://my-movie-app/api/movie>


In a MovieComponent component, use the MovieServiceClient to retrieve all movies from the Web service end point and assign it to a local variable called movies.


```
export class [MovieServiceClient] {
  [findAllMovies]() {
    return [fetch]
      ('[url]')
      .[then]([response] => response.[json]());
  }
}


export class [MovieComponent] implement OnInit {
  movies;


  constructor(private service: [MovieServiceClient2]) { }


  ngOnInit() {
    this.[service]
      .[findAllMovies2]()
      .[then2](movies => {
        [thismovies] = [movies];
      });
  }
}
```


Specified Answer for: MovieServiceClient  MovieServiceClient


Specified Answer for: findAllMovies  findAllMovies


Specified Answer for: fetch  fetch


Specified Answer for: url  http://my-movie-app/api/movie


Specified Answer for: then  then


Specified Answer for: response  response


Specified Answer for: json  json


Specified Answer for: MovieComponent  MovieComponent


Specified Answer for: MovieServiceClient2  MovieServiceClient

Specified Answer for: service  service


Specified Answer for: findAllMovies2  findAllMovies

Specified Answer for: then2  then

Specified Answer for: thismovies  this.movies

Specified Answer for: movies  movies


#### Correct Answers for: MovieServiceClient

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	MovieServiceClient	Case Sensitive


#### Correct Answers for: findAllMovies

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	findAllMovies	Case Sensitive


#### Correct Answers for: fetch

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	fetch	Case Sensitive

#### Correct Answers for: url

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	http://my-movie-app/api/movie	Case Sensitive

#### Correct Answers for: then

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	then	Case Sensitive

#### Correct Answers for: response

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	response	Case Sensitive

<b>Correct Answers for: json</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	json	Case Sensitive
<b>Correct Answers for: MovieComponent</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Contains</i>	MovieComponent	Case Sensitive
<b>Correct Answers for: MovieServiceClient2</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	MovieServiceClient	Case Sensitive
<b>Correct Answers for: service</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	service	Case Sensitive
<b>Correct Answers for: findAllMovies2</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	findAllMovies	Case Sensitive
<b>Correct Answers for: then2</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	then	Case Sensitive
<b>Correct Answers for: thismovies</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	this.movies	Case Sensitive
<b>Correct Answers for: movies</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	movies	Case Sensitive

• **Question 9**

3 out of 4 points

Use **npm** to install the react router dom module. Make sure to update the **package.json** as part of the installation

**[npm] [install] --[save] [react-router-dom]**

- Specified Answer for: npm      ✔ npm
- Specified Answer for: install      ✔ install
- Specified Answer for: save      ✔ save
- Specified Answer for: react-router-dom      ✖ router-dom

**Correct Answers for: npm**

Evaluation Method	Correct Answer	Case Sensitivity
✔ Exact Match	npm	Case Sensitive
<b>Correct Answers for: install</b>		
Evaluation Method	Correct Answer	Case Sensitivity
✔ Exact Match	install	Case Sensitive
<b>Correct Answers for: save</b>		
Evaluation Method	Correct Answer	Case Sensitivity
✔ Exact Match	save	Case Sensitive
<b>Correct Answers for: react-router-dom</b>		
Evaluation Method	Correct Answer	Case Sensitivity
✔ Exact Match	react-router-dom	Case Sensitive
✔ Exact Match	react-router-dow	Case Sensitive
✔ Exact Match	react-router	

• **Question 10**

4 out of 6 points

Use **Angular** to apply a class called 'active' to the line item below if the **selectedCourseId** component variable is equal to the course id **123** of type number

```
<li class="list-group-item"
  [ngClass]="[{active}: [selectedCourseId1] === [a123] }]">
  CS5200
</li>
```

```
export class CourseListComponent {
  [selectedCourseId2] = [a1234];
}
```

- Specified Answer for: ngClass ✔ [ngClass]
- Specified Answer for: active ✔ 'active'
- Specified Answer for: selectedCourseId1 ✔ selectedCourseId
- Specified Answer for: a123 ✔ 123
- Specified Answer for: selectedCourseId2 ✖ title
- Specified Answer for: a1234 ✖ 'active'

<b>Correct Answers for: ngClass</b>		
Evaluation Method	Correct Answer	Case Sensitivity

✔ <i>Exact Match</i>	[ngClass]	Case Sensitive
<b>Correct Answers for: active</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	'active'	Case Sensitive
<b>Correct Answers for: selectedCourseId1</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	selectedCourseId	Case Sensitive
<b>Correct Answers for: a123</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	123	Case Sensitive
<b>Correct Answers for: selectedCourseId2</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	selectedCourseId	Case Sensitive
<b>Correct Answers for: a1234</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	123	Case Sensitive

## • Question 11

10 out of 11 points

Use the mongoose node library to create a schema for a car called **carSchema** with the following properties: **make**, **year**, and **sold**. The **make** is a string representing the make of the car, the **year** is a number representing the year of make, and **sold** is a date representing the date the car was sold. Declare the properties in the order: **make**, **year**, and **sold**. Car documents should be stored in a collection called **cars**. Export the schema so that it can be used elsewhere in the source code.

```
var mongoose = require('mongoose');
var [carSchema] = [mongooseDotSchema]({
  [make]: [String],
  [year]: [Number],
  [sold]: [Date],
}, {[collection]: [cars]});
[moduleDotExports] = carSchema;
```

Specified Answer for: carSchema

✔ carSchema

Specified Answer for: mongooseDotSchema

✘ mongoose.schema

Specified Answer for: make

✔ make

Specified Answer for: String

✔ String



Specified Answer for: year	✔year
Specified Answer for: Number	✔Number
Specified Answer for: sold	✔sold
Specified Answer for: Date	✔Date
Specified Answer for: collection	✔collection
Specified Answer for: cars	✔'cars'
Specified Answer for: moduleDotExports	✔module.exports

#### Correct Answers for: carSchema

Evaluation Method	Correct Answer	Case Sensitivity
✔Exact Match	carSchema	Case Sensitive

#### Correct Answers for: mongooseDotSchema

Evaluation Method	Correct Answer	Case Sensitivity
✔Exact Match	mongoose.Schema	Case Sensitive

#### Correct Answers for: make

Evaluation Method	Correct Answer	Case Sensitivity
✔Exact Match	make	Case Sensitive

#### Correct Answers for: String

Evaluation Method	Correct Answer	Case Sensitivity
✔Exact Match	String	Case Sensitive

#### Correct Answers for: year

Evaluation Method	Correct Answer	Case Sensitivity
✔Exact Match	year	Case Sensitive

#### Correct Answers for: Number

Evaluation Method	Correct Answer	Case Sensitivity
✔Exact Match	Number	Case Sensitive

#### Correct Answers for: sold

Evaluation Method	Correct Answer	Case Sensitivity
✔Exact Match	sold	Case Sensitive

#### Correct Answers for: Date

Evaluation Method	Correct Answer	Case Sensitivity
✔Exact Match	Date	Case Sensitive

#### Correct Answers for: collection

Evaluation Method	Correct Answer	Case Sensitivity
-------------------	----------------	------------------

✔ Exact Match	collection	Case Sensitive
<b>Correct Answers for: cars</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ Exact Match	'cars'	Case Sensitive
<b>Correct Answers for: moduleDotExports</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ Exact Match	module.exports	Case Sensitive

## • Question 12

9 out of 9 points

Use **React.js** and **Redux** to create a stateless component called **ColorPicker** that dispatches actions of type **'blue'** or **'red'** when buttons **Blue** or **Red** are clicked respectively. The component accepts a property called **color** with a default value **'green'**.

```
const [ColorPicker] = ({[color] = [green], dispatch}) => {
  return (
    <div>
      <span>{color}</span>
      <button onClick={e => {[dispatch1]([type1]: [blue])}}>
        Blue
      </button>
      <button onClick={e => {[dispatch2]([type2]: [red])}}>
        Red
      </button>
    </div>
  )
}
```

Specified Answer for: ColorPicker ✔ ColorPicker

Specified Answer for: color ✔ color

Specified Answer for: green ✔ 'green'

Specified Answer for: dispatch1 ✔ dispatch

Specified Answer for: type1 ✔ type

Specified Answer for: blue ✔ 'blue'

Specified Answer for: dispatch2 ✔ dispatch

Specified Answer for: type2 ✔ type

Specified Answer for: red ✔ 'red'

**Correct Answers for: ColorPicker**

Evaluation Method	Correct Answer	Case Sensitivity
✔ <i>Exact Match</i>	ColorPicker	Case Sensitive
<b>Correct Answers for: color</b>		
Evaluation Method	Correct Answer	Case Sensitivity
✔ <i>Exact Match</i>	color	Case Sensitive
<b>Correct Answers for: green</b>		
Evaluation Method	Correct Answer	Case Sensitivity
✔ <i>Exact Match</i>	'green'	Case Sensitive
<b>Correct Answers for: dispatch1</b>		
Evaluation Method	Correct Answer	Case Sensitivity
✔ <i>Exact Match</i>	dispatch	Case Sensitive
<b>Correct Answers for: type1</b>		
Evaluation Method	Correct Answer	Case Sensitivity
✔ <i>Contains</i>	type	Case Sensitive
<b>Correct Answers for: blue</b>		
Evaluation Method	Correct Answer	Case Sensitivity
✔ <i>Exact Match</i>	'blue'	Case Sensitive
<b>Correct Answers for: dispatch2</b>		
Evaluation Method	Correct Answer	Case Sensitivity
✔ <i>Exact Match</i>	dispatch	Case Sensitive
<b>Correct Answers for: type2</b>		
Evaluation Method	Correct Answer	Case Sensitivity
✔ <i>Contains</i>	type	Case Sensitive
<b>Correct Answers for: red</b>		
Evaluation Method	Correct Answer	Case Sensitivity
✔ <i>Exact Match</i>	'red'	Case Sensitive

- **Question 13**

6 out of 7 points

Consider the code snippet below. Use Angular to iterate over an array of courses and render an HTML LI element for each course in the array. Render the course's title inside each of the LI elements.

```
<ul class="list-group">
  <li class="list-group-item active">
```

```


    Course List</li>
<[li] class="list-group-item webdev"
  [ngFor]="[let] course [of] [courses]">
  [coursetitle]</[li2]>
</ul>


```


```


export class CourseListComponent implements OnInit {
  courses;
  ngOnInit() {
    courses.push({ title: 'cs4550' });
    courses.push({ title: 'cs5610' });
  }
}


```


Specified Answer for: li  li


Specified Answer for: ngFor  \*ngFor

Specified Answer for: let  let

Specified Answer for: of  of

Specified Answer for: courses  courses

Specified Answer for: coursetitle  {{course.title}}

Specified Answer for: li2  CourseListComponent

#### Correct Answers for: li

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	li	Case Sensitive


#### Correct Answers for: ngFor

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	*ngFor	Case Sensitive

#### Correct Answers for: let

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	let	Case Sensitive

#### Correct Answers for: of

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	of	Case Sensitive

#### Correct Answers for: courses

Evaluation Method	Correct Answer	Case Sensitivity
✔ <i>Exact Match</i>	courses	Case Sensitive
<b>Correct Answers for: coursetitle</b>		
Evaluation Method	Correct Answer	Case Sensitivity
✔ <i>Exact Match</i>	{{course.title}}	Case Sensitive
<b>Correct Answers for: li2</b>		
Evaluation Method	Correct Answer	Case Sensitivity
✔ <i>Exact Match</i>	li	Case Sensitive

## • Question 14

9 out of 9 points

Use **React.js** and **Redux** to create a reducer called **colorReducer** that declares a default state property **color** set to **'yellow'**. If the action's type is **'blue'** the reducer should change the **color** state to the same value, **'blue'**.

```
const [colorReducer] =
  (state = { [color1]: [yellow] }, action) => {
    [switch] (action.[type]) {
      [case] 'blue':
        [return] { [color2]: [blue] }
    }
  }
```

Specified Answer for: colorReducer ✔ colorReducer

Specified Answer for: color1 ✔ color

Specified Answer for: yellow ✔ 'yellow'

Specified Answer for: switch ✔ switch

Specified Answer for: type ✔ type

Specified Answer for: case ✔ case

Specified Answer for: return ✔ return

Specified Answer for: color2 ✔ color

Specified Answer for: blue ✔ 'blue'

<b>Correct Answers for: colorReducer</b>		
Evaluation Method	Correct Answer	Case Sensitivity
✔ <i>Exact Match</i>	colorReducer	Case Sensitive
<b>Correct Answers for: color1</b>		
Evaluation Method	Correct Answer	Case Sensitivity

✔ <i>Contains</i>	color	Case Sensitive
<b>Correct Answers for: yellow</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	'yellow'	Case Sensitive
<b>Correct Answers for: switch</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	switch	Case Sensitive
<b>Correct Answers for: type</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	type	Case Sensitive
<b>Correct Answers for: case</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	case	Case Sensitive
<b>Correct Answers for: return</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	return	Case Sensitive
<b>Correct Answers for: color2</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	color	Case Sensitive
<b>Correct Answers for: blue</b>		
<b>Evaluation Method</b>	<b>Correct Answer</b>	<b>Case Sensitivity</b>
✔ <i>Exact Match</i>	'blue'	Case Sensitive


- **Question 15**


7 out of 7 points


Use **Angular** routing to declare a route that will navigate to a **SectionComponent** which shows the sections for a given course. Bind the course ID to a path variable called **courseId**


```
<a [routerLink]="'/[course]/123/section'
class="btn btn-primary">Sections</a>
```


```
const appRoutes: Routes = {
  {
    [path]: 'course/:[courseId]/[section]',
    [component]: [SectionComponent]
  },
  ...};
```


Specified Answer for: routerLink  routerLink


Specified Answer for: course  course

Specified Answer for: path  path

Specified Answer for: courseId  courseId

Specified Answer for: section  section

Specified Answer for: component  component

Specified Answer for: SectionComponent  SectionComponent

#### Correct Answers for: routerLink

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	routerLink	Case Sensitive

#### Correct Answers for: course

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	course	Case Sensitive

#### Correct Answers for: path

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	path	Case Sensitive

#### Correct Answers for: courseId

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	courseId	Case Sensitive

#### Correct Answers for: section

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	section	Case Sensitive

#### Correct Answers for: component

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	component	Case Sensitive

#### Correct Answers for: SectionComponent


Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	SectionComponent	Case Sensitive


### • Question 16


7 out of 8 points


Use **Angular** routing to declare a route that navigates to the **LoginComponent** for the following URL: **http://localhost:3000/login**


```
import { Routes, [RouterModule] } from '@angular/router';
import { LoginComponent } from './login/login.component';
const appRoutes: [Routes] = {
  { [path]: '[login]', [component]: [LoginComponent] }
};
[export] const routing = RouterModule.forRoot([appRoutes]);
```


Specified Answer for: RouterModule       RouterModule


Specified Answer for: Routes             Routes


Specified Answer for: path                path

Specified Answer for: login               http://localhost:3000/login

Specified Answer for: component         component

Specified Answer for: LoginComponent    LoginComponent


Specified Answer for: export             export

Specified Answer for: appRoutes         appRoutes


#### Correct Answers for: RouterModule

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	RouterModule	Case Sensitive

#### Correct Answers for: Routes

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	Routes	Case Sensitive


#### Correct Answers for: path

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	path	Case Sensitive

#### Correct Answers for: login

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	login	Case Sensitive

#### Correct Answers for: component

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	component	Case Sensitive

#### Correct Answers for: LoginComponent

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	LoginComponent	Case Sensitive



**Correct Answers for: export**

Evaluation Method	Correct Answer	Case Sensitivity
✔ <i>Exact Match</i>	export	Case Sensitive

**Correct Answers for: appRoutes**

Evaluation Method	Correct Answer	Case Sensitivity
✔ <i>Exact Match</i>	appRoutes	Case Sensitive

Thursday, August 16, 2018 12:14:51 PM EDT

OK

support