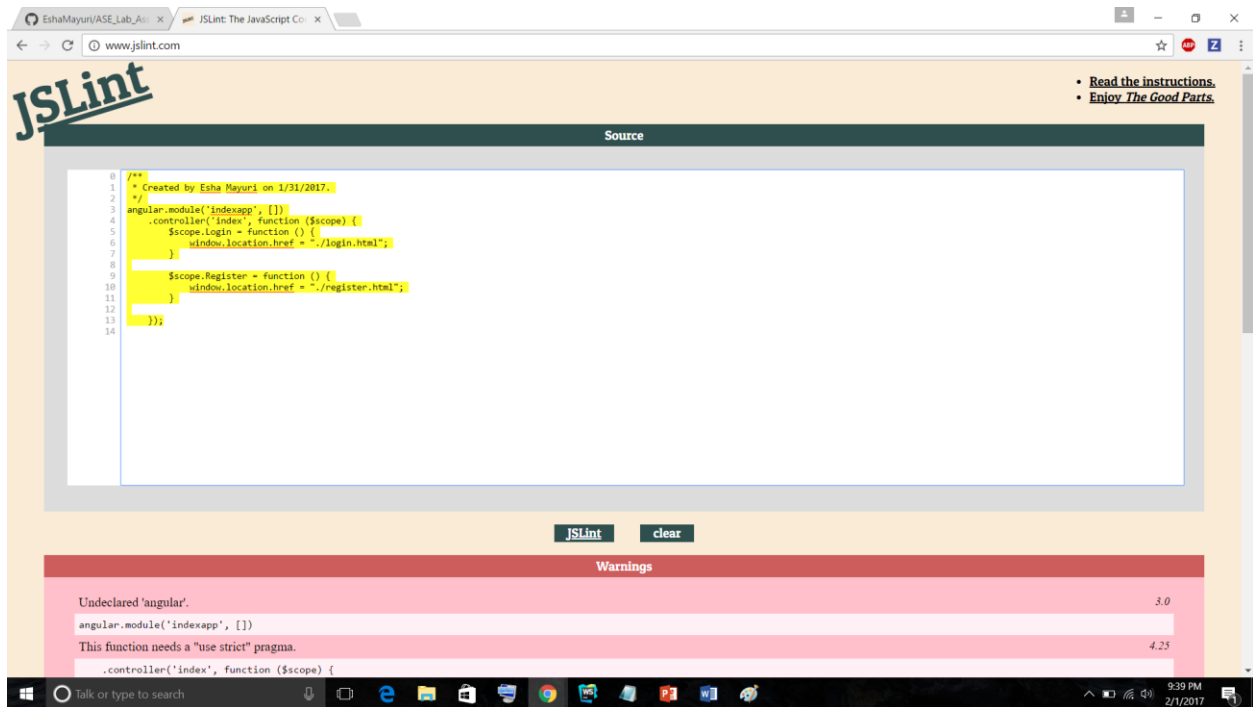


App.js



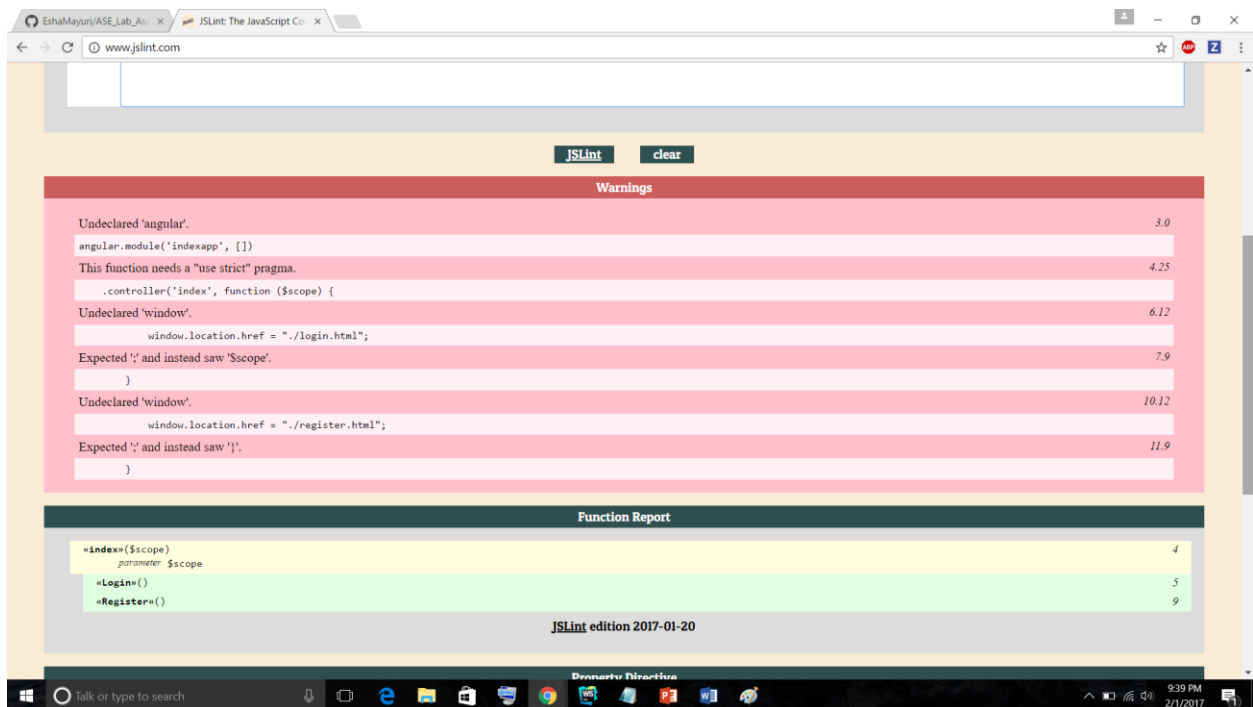
The screenshot shows the JSLint website interface. At the top, there's a navigation bar with the JSLint logo and links to "Read the instructions" and "Enjoy The Good Parts". Below the navigation bar is a "Source" section containing a code editor with the following JavaScript code:

```
1  /*
2  * Created by Esha Mayuri on 1/31/2017.
3  */
4  angular.module('indexapp', [])
5  .controller('index', function ($scope) {
6      $scope.Login = function () {
7          window.location.href = './login.html';
8      }
9      $scope.Register = function () {
10         window.location.href = './register.html';
11     }
12 });
13
14
```

Below the code editor are two buttons: "JSLint" and "clear". Underneath is a "Warnings" section with a list of errors:

Warning	Line
Undeclared 'angular'.	3.0
angular.module('indexapp', [])	
This function needs a "use strict" pragma.	4.25
.controller('index', function (\$scope) {	

The Windows taskbar at the bottom shows the time as 9:39 PM on 2/1/2017.



This screenshot shows the JSLint website interface after running the code. The "Warnings" section now displays more errors:

Warning	Line
Undeclared 'angular'.	3.0
angular.module('indexapp', [])	
This function needs a "use strict" pragma.	4.25
.controller('index', function (\$scope) {	
Undeclared 'window'.	6.12
window.location.href = './login.html';	
Expected ';' and instead saw 'Scope'.	7.9
}	
Undeclared 'window'.	10.12
window.location.href = './register.html';	
Expected ';' and instead saw '}'.	11.9
}	

Below the warnings is a "Function Report" section:

Function	Line
«index»(\$scope)	4
parameter \$scope	
«Login»()	5
«Register»()	9

At the bottom, it says "JSLint edition 2017-01-20". The Windows taskbar at the bottom shows the time as 9:39 PM on 2/1/2017.

Function Report

Function	Line
=index(\$scope)	4
=Login()	5
=Register()	9

JSLint edition 2017-01-20

Property Directive

```

/*property
Login, Register, controller, href, location, module
*/

```

select property JSLint clear clear options

Options

Assume...

- ☒ in development
- ☐ ES6
- ☒ a browser
- ☐ CouchDB
- ☐ Node.js

Fudge...

- ☐ First line number is 1

Tolerate...

- ☒ bitwise operators
- ☒ eval
- ☒ for statement
- ☒ multiple vars
- ☒ single quote strings
- ☒ this
- ☒ whitespace mess

Number...

- Maximum line length
- Maximum warnings

Global variables...

Imported globals here

Login script:

JSLint

Source

```

0  /**
1   * Created by Esha Mayuri on 1/30/2017.
2   */
3
4  angular.module('ValidationPage', [])
5    .controller('validation', function ($scope) {
6    //registers users and store data locally
7    $scope.registerFunction = function () {
8      var name = document.getElementById('name').value;
9      var email = document.getElementById('email').value;
10     var username = document.getElementById('username').value;
11     var password = document.getElementById('password').value;
12     var confirm = document.getElementById('confirm').value;
13     if (name.length > 0 && email.length > 0 && username.length > 0 && password.length > 0 && confirm.length > 0)
14     {
15       var emailbool = $scope.validateEmail(email);
16       if (emailbool == true)
17       {
18         if (password == confirm)
19         {
20           // localStorage.emailId = email.value;
21           // localStorage.pwd = password.value;
22           localStorage.setItem('emailId', email);
23           localStorage.setItem('pwd', password);
24           alert('Registration successful');
25           window.location.href = './login.html';
26         }
27       }
28     }
29   }
30 }

```

JSLint clear

Warnings

Undeclared 'angular'. 4.0

angular.module('ValidationPage', [])

This function needs a "use strict" pragma. 5.30

.controller('validation', function (\$scope) {

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JSLint

- Read the instructions.
- Enjoy The Good Parts.

Source

```
28 alert('password mismatch');
29 }
30 }
31 else {
32   alert("Not a valid e-mail address");
33   document.getElementById("name").value = "";
34   document.getElementById("email").value = "";
35   document.getElementById("username").value = "";
36   document.getElementById("password").value = "";
37   document.getElementById("confirm").value = "";
38 }
39 }
40 }
41 else {
42   {
43     if(name.length== 0)
44     {
45       alert("Please enter your name");
46     }
47     else if(email.length== 0)
48     {
49       alert("Please enter your email id");
50     }
51     else if(username.length== 0)
52     {
53       alert("Please enter your User name");
54     }
55     else if(password.length== 0)
56     {
57       alert("Please enter your password");
58     }
59   }
60 }
61 }
62 }
63 }
64 }
65 }
66 }
67 }
68 }
69 }
70 }
71 }
72 }
73 }
74 }
75 }
76 }
77 }
78 }
79 }
80 }
81 }
82 }
83 }
84 }
85 }
86 }
87 }
88 }
89 }
90 }
91 }
92 }
93 }
94 }
95 }
96 }
97 }
98 }
99 }
100 }
```

JSLint clear

Warnings

- Undeclared 'angular'. 4.0
- angular.module('ValidationPage', [])
- This function needs a "use strict" pragma. 5.30
- .controller('validation', function (\$scope) {

Windows Taskbar: 9:41 PM 2/1/2017

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JSLint

- Read the instructions.
- Enjoy The Good Parts.

Source

```
56 alert("Please enter your password");
57 }
58 }
59 else if(confirm.length== 0)
60 {
61   alert("Please enter your password");
62 }
63 }
64 }
65 }
66 }
67 }
68 }
69 }
70 }
71 }
72 }
73 }
74 }
75 }
76 }
77 }
78 }
79 }
80 }
81 }
82 }
83 }
84 }
85 }
86 }
87 }
88 }
89 }
90 }
91 }
92 }
93 }
94 }
95 }
96 }
97 }
98 }
99 }
100 }
```

JSLint clear

Warnings

- Undeclared 'angular'. 4.0
- angular.module('ValidationPage', [])
- This function needs a "use strict" pragma. 5.30
- .controller('validation', function (\$scope) {

Windows Taskbar: 9:41 PM 2/1/2017

Source

```

98     }
99   }
100   else
101   {
102     alert("Please enter emailId");
103   }
104 }
105
106 //redirect to registration page
107 $scope.registerNewUserFunction = function () {
108   window.location.href = "/register.html";
109   //window.open("/register.html");
110 }
111
112 //validating email id
113 $scope.validateEmail = function(email) {
114   var x = email;
115   var atpos = x.indexOf("@");
116   var dotpos = x.lastIndexOf(".");
117   if (atpos < 1 || dotpos < atpos + 2 || dotpos + 2 >= x.length) {
118     return false;
119   }
120   else {
121     return true;
122   }
123 }
124 });
125

```

Warnings

Undeclared 'angular'. 4.0

angular.module('ValidationPage', []). 5.30

This function needs a "use strict" pragma.

controller('validation', function (\$scope) {

Expected '}' and instead saw 'scope'.

Expected '}' and instead saw '}'.

Function Report

Function	Line
global alert, document, localStorage	
validation(\$scope)	5
parameter \$scope	
closure \$scope	
registerFunction()	7
variable confirm, email, emailbool, name, password, username	
outer \$scope	
global alert, document, localStorage	
login()	65
variable email, localemail, localpwd, password	
global alert, document, localStorage	
registerNewUserFunction()	107
validateEmail(email)	113
parameter email	
variable atpos, dotpos, x	

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Property Directive

```

/*property
  controller, getElementById, getitem, href, indexOf, lastIndexOf, length,
  location, login, module, registerFunction, registerNewUserFunction,
  setitem, validateEmail, value
*/

```

Homepage script:

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JSLint

- Read the instructions.
- Enjoy *The Good Parts*.

Source

```
0 angular.module('GoogleDirection', [])
1 .controller('googlemapoutput', function ($scope,$http) {
2
3     var map;
4     var mapOptions;
5     var directionsDisplay = new google.maps.DirectionsRenderer({
6         draggable: true
7     });
8     var directionsService = new google.maps.DirectionsService();
9
10    var defaultBounds = new google.maps.LatLngBounds(new google.maps.LatLng(-33.8902, 151.1759), new google.maps.LatLng(-33.8474, 151.2631));
11
12    var options = {
13        bounds: defaultBounds,
14        types: ['geocode']
15    };
16
17    var startLocation=document.getElementById('startlocation');
18    var endLocation=document.getElementById('endlocation');
19    var autocompleteStart = new google.maps.places.Autocomplete(startLocation, options);
20    var autocompleteEnd = new google.maps.places.Autocomplete(endLocation, options);
21
22    google.maps.event.addListener(autocompleteStart, 'place_changed', function () {
23        var place = autocompleteStart.getPlace();
24        console.log(place);
25    });
26
27    $scope.initialize = function () {
28        // ...
29    }
30}
```

JSLint clear

Warnings

Undeclared 'angular'.	0.0
angular.module('GoogleDirection', [])	
This function needs a "use strict" pragma.	1.40
.controller('googlemapoutput', function (\$scope,\$http) {	

Windows 10 taskbar: 9:44 PM 2/1/2017

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JSLint

- Read the instructions.
- Enjoy *The Good Parts*.

Source

```
27 $scope.initialize = function () {
28     var pos = new google.maps.LatLng(0, 0);
29     var mapOptions = {
30         zoom: 3,
31         center: pos
32     };
33
34     map = new google.maps.Map(document.getElementById('map-canvas'),
35         mapOptions);
36 }
37 $scope.calcRoute = function () {
38     var end = document.getElementById('endlocation').value;
39     var start = document.getElementById('startlocation').value;
40
41     var startLocationUrl="https://api.wunderground.com/api/81c5ab4040ab0441/conditions/q/" +start.split(',')[1]+'/' +start.split(',')[0] +'.json';
42     console.log(startLocationUrl);
43     $http.get(startLocationUrl).success(function(data){
44         console.log("Start Weather")
45         icon = data.current_observation.icon_url;
46         $scope.startWeather = data.current_observation.temp_f + ' Fahrenheit';
47         $scope.currentIcon = {
48             html: "<img src='"+ icon + "'/>"
49         };
50     });
51
52     var endLocationUrl="https://api.wunderground.com/api/81c5ab4040ab0441/conditions/q/" +end.split(',')[1]+'/' +end.split(',')[0] +'.json';
53     console.log(endLocationUrl);
54     $http.get(endLocationUrl).success(function(data2){
55         console.log("End Weather")
56     });
57 }
```

JSLint clear

Warnings

Undeclared 'angular'.	0.0
angular.module('GoogleDirection', [])	
This function needs a "use strict" pragma.	1.40
.controller('googlemapoutput', function (\$scope,\$http) {	

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JSint

- Read the instructions.
- Enjoy The Good Parts.

Source

```
52 var endLocationUrl="https://api.vunderground.com/api/81c5ab4040ab0441/conditions/q/" +end.split(',')[1]+'/' +end.split(',')[0]+'-json';
53 console.log(endLocationUrl);
54 $http.get(endLocationUrl).success(function(data2){
55   console.log("End Weather")
56   icon = data2.current_observation.icon_url;
57   console.log(data2.current_observation.temp_f);
58   $scope.EndWeather = data2.current_observation.temp_f + ' Fahrenheit';
59   $scope.currentIcon = {
60     html: "<img src='"+ icon + "'/>"
61   });
62 });
63
64 var request = {
65   origin: start,
66   destination: end,
67   travelMode: google.maps.TravelMode.DRIVING
68 };
69
70 directionsService.route(request, function (response, status) {
71   if (status == google.maps.DirectionsStatus.OK) {
72     directionsDisplay.setMap(map);
73     directionsDisplay.setDirections(response);
74     console.log(status);
75   }
76 });
77
78 google.maps.event.addListener(window, 'load', $scope.initialize);
79 });
```

JSint clear

Warnings

Undeclared 'angular'.	0.0
angular.module('GoogleDirection', [])	
This function needs a "use strict" pragma.	1.40

.controller('googlemapoutput', function (\$scope,\$http) {

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Function Report

global console, document	
googlemapoutput(\$scope, \$http)	1
parameter \$http, \$scope	
variable autoCompleteEnd, autoCompleteStart, defaultBounds, directionsDisplay, directionsService, endLocation, map, mapOptions, options, startLocation	
closure \$http, \$scope, autoCompleteEnd, directionsDisplay, directionsService, map	
global document	
place_changed	22
variable place	
outer autoCompleteStart	
global console	
initialize	27
variable mapOptions, pos	
outer map	
global document	
calcRoute	37
variable end, endLocationUrl, request, start, startLocationUrl	
outer \$http, directionsService	
global console, document	
success(data1)	43
parameter data1	
outer \$scope	
global console	
success(data2)	54
parameter data2	
outer \$scope	
global console	
request(response, status)	70
parameter response, status	
outer directionsDisplay, map	
global console	

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Property Directive

