

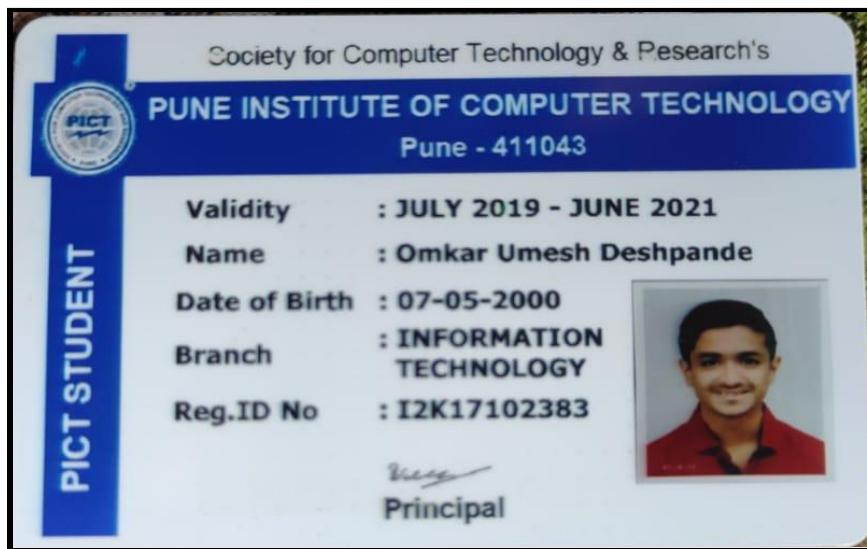
ASSIGNMENT 7

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Class - BE 10

Roll No - 43212

Batch - Q10



Problem Statement - Create an application for bill payment using AngularJS.

OUTPUT -

1. On the welcome screen, you will see an option to “go to purchases”.

The screenshot shows a web browser window with the URL file:///D:/BE_SEM_8/IWPL/33213_Online_Learning_Platform/Assignment_7_Angular/Source_Code/index.html. The page features a large orange circular logo with a brain icon. The main title is "Welcome To Easy Learning Studio". On the left, there is a sidebar titled "Categories" with three items: "1. Engineering", "2. Science and Technology", and "3. Finances". To the right of the categories, there is a descriptive text block: "Easy Learning provides universal access to the world's best education, partnering with top universities and organizations to offer courses online. Comprehensive learning programs for people with any age. Build skills with courses, certificates, and degrees online from world-class universities and companies." A blue button labeled "Go to Purchase" is located in the top right corner. The taskbar at the bottom shows several open applications, including Microsoft Word, Excel, and File Explorer, along with system icons like battery level and network status.

2. After clicking “go to purchase”, you will see an empty list and an input field to add purchases.

3. You have to enter course name, course fee per hour and number of hours.

The screenshot shows a web browser window with the URL file:///D:/BE_SEM_8/IWPL/33213_Online_Learning_Platform/Assignment_7_Angular/Source_Code/cart.html. The page title is "Welcome to purchase course". It contains a table with four columns: "Course name", "No of hours", "Cost per hour", and "Total". Below the table is a blue "Add" button. The table currently has one row with empty fields. The taskbar at the bottom shows several open applications, including Microsoft Word, Excel, and File Explorer, along with system icons like battery level and network status.

4. For choosing the course name, there is a drop down list.

The screenshot shows a web browser window with a title bar containing multiple tabs. The main content area displays a form titled "Welcome to purchase course". A dropdown menu is open under the "Course name" label, listing various course options: Artificial Intelligence, Android, DBMS, Web-Development, Accounting, Banking, Mathematics, Share-market, Biology, Chemistry, and Physics. Below the dropdown, there are three input fields: "No of hours", "Cost per hour", and "Total". The "No of hours" field is empty. The "Cost per hour" field contains "244". The "Total" field contains "Rs 0.00".

5. When you enter the relevant fields, click the “Add” button.

The screenshot shows the same web browser window after an entry has been made. The "Course name" dropdown now shows "Web-Development". The "No of hours" field contains "12". The "Cost per hour" field contains "244". The "Total" field contains "Rs 2,928.00". Below the table, there is a blue "Add" button. The rest of the page remains the same, with the "Welcome to purchase course" header and the empty input fields below it.

6. You will see your purchase listed in the cart. And the total amount to be paid.

The screenshot shows a web browser window with multiple tabs open at the top. The active tab displays a form titled "Welcome to purchase course". The form has a table with columns: Course name, No of hours, Cost per hour, and Total. A single row is present with "Web-Development" in the first column, "12" in the second, "244" in the third, and "Rs 2,928.00" in the fourth. To the right of the table is a "[remove]" button. Below the table is a summary row with "Total:" and "Rs 2,928.00". At the bottom left of the form is an "Add" button. The background of the page features a colorful abstract design.

7. You can click the “remove” button to remove that item from the list.

The screenshot shows a web browser window with multiple tabs open at the top. The active tab displays a form titled "Welcome to purchase course". The form has a table with columns: Course name, No of hours, Cost per hour, and Total. There are five rows in the table. The first row is identical to the one in the previous screenshot: "Web-Development", "12", "244", and "Rs 2,928.00". The second row contains "Share-market", "23", "144", and "Rs 3,312.00". The third row contains "Physics", "10", "25", and "Rs 250.00". The fourth row contains "Chemistry", "10", "25", and "Rs 250.00". The fifth row contains "Accounting", "25", "63", and "Rs 1,575.00". Each row has a "[remove]" button to its right. Below the table is a summary row with "Total:" and "Rs 8,315.00". At the bottom left of the form is an "Add" button. The background of the page features a colorful abstract design.

8. You can see one item (Physics) got removed from the middle.

Welcome to purchase course

| Course name | No of hours | Cost per hour | Total |
|---------------------|-------------|---------------|-------------|
| | | | Rs 1,575.00 |
| Add | | | |
| Course name | No of hours | Cost per hour | Total |
| Web-Development | 12 | 244 | Rs 2,928.00 |
| Share-market | 23 | 144 | Rs 3,312.00 |
| Chemistry | 10 | 25 | Rs 250.00 |
| Accounting | 25 | 63 | Rs 1,575.00 |
| | | Total: | Rs 8,065.00 |

43212_IWPL_6.pdf

Search

27°C Clear 9:10 PM 5/22/2021

CODE -

Purchase_cart.html

```
<html>
  <head>
    <script src="angular.min.js"></script>
    <style type="text/css">
      body {
        background-image: url(./assets/bg4.png);
      }
      th {
        text-align: left;
      }

      td {
        border: 1px solid black;
        border-collapse: collapse;
        padding: 1%;
        width: 10%;
      }
      select,
      input {
        width: 20%;
        padding-right: 2%;
        margin-bottom: 20px;
      }
      table {
        margin-top: 2%;
      }
      h2 {
        padding-top: 3%;
        font-size: 3vw;
        font-family: cursive;
      }
      button {
        padding: 5px;
        color: white;
        background-color: blue;
      }
    </style>
  </head>
  <body>
    <h2>Cart</h2>
    <table border="1">
      <thead>
        <tr>
          <th>Item</th>
          <th>Quantity</th>
          <th>Price</th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td>Laptop</td>
          <td>1</td>
          <td>$1200</td>
        </tr>
        <tr>
          <td>Monitor</td>
          <td>1</td>
          <td>$300</td>
        </tr>
        <tr>
          <td>Keyboard</td>
          <td>1</td>
          <td>$100</td>
        </tr>
        <tr>
          <td>Mouse</td>
          <td>1</td>
          <td>$50</td>
        </tr>
        <tr>
          <td>Headphones</td>
          <td>1</td>
          <td>$80</td>
        </tr>
      </tbody>
    </table>
    <button>Proceed to Payment</button>
  </body>
</html>
```

```

        }

    th {
        width: 30%;
    }

</style>
</head>
<body>

    <h2>Welcome to purchase course</h2>
    <table style="width: 67%">
        <th>Course name</th>
        <th>No of hours</th>
        <th>Cost per hour</th>
        <th>Total</th>
    </table>
    <div ng-app="myapp" ng-controller="CartForm">
        <select id="course" ng:model="item.description" name="cars">
            <option value="Artificial Intelligence">Artificial Intelligence</option>
            <option value="Android">Android</option>
            <option value="DBMS" selected="selected">DBMS</option>
            <option value="Web-Development">Web-Development</option>
            <option value="Accounting">Accounting</option>
            <option value="Banking">Banking</option>
            <option value="Mathematics">Mathematics</option>
            <option value="Share-market">Share-market</option>
            <option value="Biology">Biology</option>
            <option value="Chemistry">Chemistry</option>
            <option value="Physics">Physics</option>
        </select>

        <input type="number" id="qty" ng:model="item.qty" ng:required />

        <input type="number" id="cost" ng:model="item.cost" ng:required />
        {{item.qty * item.cost | currency:'Rs '}}
        <br />
        <a href ng:click="addItem()"><button>Add</button></a>

        <table class="table" style="width: 80%">
            <tr style="align-items: flex-start">

```

```

<th>Course name</th>
<th>No of hours</th>
<th>Cost per hour</th>
<th>Total</th>
<th></th>
</tr>
<tr ng:repeat="item in cart.items">
<td>
<p>{{item.description}}</p>
</td>
<td>
<p type="number" ng:model="item.qty"
ng:required>{{item.qty}}</p>
</td>
<td>
<p type="number" ng:model="item.cost"
ng:required>{{item.cost}}</p>
</td>
<td>{{item.qty * item.cost | currency:'Rs '}}</td>
<td>[<a href ng:click="removeItem($index)">remove</a>]</td>
</tr>
<tr>
<td colspan="2"></td>
<td>Total:</td>
<td>{{total() | currency:'Rs '}}</td>
</tr>
<tr></tr>
</table>
</div>
<script src="cart.js"></script>
</body>
</html>

```

Purchase_cart.js

```
var app=angular.module('myapp', []);
app.controller('CartForm', function($scope)
{
    $scope.cart = {
        items: []
    }

    $scope.addItem = function() {
        $scope.cart.items.push({ qty:
document.getElementById("qty").value, description:
document.getElementById("course").value, cost:
document.getElementById("cost").value});
        document.getElementById("qty").value = "";
        document.getElementById("course").value = "";
        document.getElementById("cost").value = "";
    }

    $scope.removeItem = function(index) {
        $scope.cart.items.splice(index, 1);
    }

    $scope.total = function() {
        var total = 0;
        angular.forEach($scope.cart.items, function(item) {
            total += item.qty * item.cost;
        })
        return total;
    }
});
```

Index.html

```
<!DOCTYPE html>
<html>
  <head>
    <title>Introduction</title>
    <style type="text/css">
      img:hover {
        transition: 0.5s;
        transform: rotate(360deg);
      }
      img {
        transition: 0.2s;
      }
      body {
        background-image: url("./assets/bg4.png");
      }
      .div1 {
        width: 100%;
        height: 50%;
      }
      .sub1 {
        padding-left: 4%;
        float: left;
        width: 20%;
      }
      .sub2 {
        padding-left: 4%;
        float: right;
        width: 20%;
      }
      h1 {
        padding-top: 3%;
        font-size: 3vw;
        font-family: cursive;
      }
      .dropdown {
        padding-top: 20px;
        position: relative;
      }
    </style>
  </head>
  <body>
    <div class="div1">
      
    </div>
    <div class="dropdown">
      <h1>Introduction</h1>
      <div class="sub1">
        
        Submenu 1 content
      </div>
      <div class="sub2">
        
        Submenu 2 content
      </div>
    </div>
  </body>
</html>
```

```
}

.subdiv2 {
    width: 25%;
    height: 100%;
    align-self: start;
    float: left;
}

a {
    font-size: 2vw;
    padding-bottom: 1vw;
    text-decoration: none;
    cursor: default;
}

h6 {
    text-decoration: none;
    font-size: 1vw;
}

.drop {
    display: none;
    position: relative;
    background-color: #f9f9f9;
    min-width: 160px;
    box-shadow: 0px 8px 16px 0px rgba(0, 0, 0, 0.2);
    padding: 12px 16px;
    z-index: 1;
}

/* .arrow-up:active ~ .drop {
display:block;
} */

p {
    align-content: justify;
    justify-self: start;
    font-size: 2vw;
    padding-left: 30px;
    float: left;
    font-family: cursive;
}

.arrow-up {
```

```
        width: 0;
        height: 0;
        border-left: 5px solid transparent;
        border-right: 5px solid transparent;
        float: right;
        padding-top: 10px;
        border-top: 5px solid black;
    }
    button {
        margin: 4%;
        padding: 20px;
        float: right;
        color: white;
        background-color: blue;
    }
</style>
</head>
<body >
    <div
        style="
            background-color: rgba(248, 232, 202, 0.534);
            overflow: auto;
            height: 100%;
        "
    >
        <div class="sub1" >
            
        </div>
        <div class="sub2" >
            <a href="#">Go to
Purchase
```

```
<div class="subdiv2">
    <ol style="font-size: 2vw">
        <h2>Categories</h2>
        <li class="dropdown">
            <a href="Engineering.html">Engineering</a>
            <div id="1" class="arrow-up"></div>
            <div id="11" class="drop">
                <ol>
                    <li>AI</li>
                    <li>Android</li>
                    <li>dbms</li>
                    <li>Web-Dev</li>
                </ol>
            </div>
            <br />
        </li>

        <li class="dropdown">
            <a href="Science.html">Science and Technology</a>
            <div id="2" class="arrow-up"></div>
            <div id="22" class="drop">
                <ol>
                    <li>biology</li>
                    <li>Chemistry</li>
                    <li>Mathematics</li>
                    <li>Physics</li>
                </ol>
            </div>
            <br />
        </li>

        <li class="dropdown">
            <a href="Finance.html">Finances</a>
            <div id="3" class="arrow-up"></div>
            <div id="33" class="drop">
                <ol>
                    <li>Accounting</li>
                    <li>Banking</li>
                    <li>Mathematics</li>
                </ol>
            </div>
            <br />
        </li>
    </ol>
</div>
```

```
        <li>Share-market</li>
    </ol>
</div>
<br />
</li>
</ol>
</div>

<div style="width: 70%; align-self: end; float: right;">
<p>
    Easy Learning provides universal access to the world's best
education,
    partnering with top universities and organizations to offer
courses
    online. Comprehensive learning programs for people with any
age. Build
    skills with courses, certificates, and degrees online from
world-class
    universities and companies.
</p>
<br />
</div>
</div>
</div>
</body>
<script>
    document.getElementById("1").onclick = function () {
        const status = document.getElementById("11").style.display;
        if (status == "none")
            document.getElementById("11").style.display = "block";
        else document.getElementById("11").style.display = "none";
    };
    document.getElementById("2").onclick = function () {
        const status = document.getElementById("22").style.display;
        if (status == "none")
            document.getElementById("22").style.display = "block";
        else document.getElementById("22").style.display = "none";
    };

```

```
document.getElementById("3").onclick = function () {
    const status = document.getElementById("33").style.display;
    if (status == "none")
        document.getElementById("33").style.display = "block";
    else document.getElementById("33").style.display = "none";
};

</script>
</html>
```