# Assignment 3:

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Stream: CSE(B)

HTML FILE(with internal javascript):

```html
<!-- Name: Md Kabirul Hassan
Roll: 12100119058
Stream: CSE(B) -->

<html>
<head>
 <title>Tour Registration Form</title>
 <link rel="stylesheet" type="text/css" href="assignment3.css">
</head>

<body onload="getId()">
 <center>
   <form id="frmCourseReg" name="frmCourseReg">
     <table id="input-table">
       <tr>
         <td align="center" colspan="6" class="heading">
           <h3>
             Tour Registration Form
           </h3>
         </td>
       </tr>
       <tr>
         <td align="right">TOUR_ID:</td>
         <td colspan="2"><input readonly id="txtTourID" name="txtTourID"
type="text" maxlength="6" /></td>
       </tr>
       <tr>
         <td align="right">TOUR_NAME:</td>
```

```html
        <td>
          <input id="txtTourName" name="txtTourName"
onblur="checkName(this)" type="text" maxlength="50"
            placeholder="" />
        </td>
        <td>
          <div id="divTourName"></div>
        </td>
      </tr>
      <tr>
        <td align="right">DESTINATIONS:</td>
        <td>
          <input id="txtDestination" name="txtDestination"
onblur="checkDest(this)" type="text" maxlength="250"
            placeholder="" />
        </td>
        <td>
          <div id="divDestName"></div>
        </td>
      </tr>
      <tr>
        <td align="right">START_DATE: </td>
        <td>
          <input type="date" name="startDate" id="startDate"
onblur="checkStartDate(),activateEndDate()">
        </td>
        <td>
          <div id="divStartDate"></div>
        </td>
      </tr>
      <tr>
        <td align="right">END_DATE: </td>
        <td>
          <input disabled type="date" name="endDate" id="endDate"
onblur="checkEndDate()">
        </td>
        <td>
          <div id="divEndDate"></div>
        </td>
      </tr>
```

```html
      <tr>
        <td align="right">PRICE_PER_HEAD: (INR.) </td>
        <td>
          <input type="number" name="txtprice" id="txtPrice"
onblur="checkPrice()" min="500" max="100000">
        </td>
        <td>
          <div id="divPrice"></div>
        </td>
      </tr>
      <tr>
        <td align="center" colspan="3">
          <input class="btn" onclick="cheeckAllInput()" type="button"
value="Add" />
          <input class="btn" onblur="getId()" type="reset" value="Cancel"
/>
        </td>
      </tr>
    </table>
  </form>
 </center>
 <table>
   <div id="divShowCourses"></div>
 </table>
</body>

</html>
<script language="JavaScript" type="text/javascript">
 var count = 1;
 var flagName = false;
 var flagDest = false;
 var flagStartDate = false;
 var flagEndDate = false;
 var flagPrice = false;


 function checkName(htmlObj) {
   var strtourName = htmlObj.value;
   if (strtourName == "") {
     flagName = false;
```

```javascript
            document.getElementById("divTourName").innerHTML = "Please Enter Tour
Name.";
        } else {
        flagName = false;
        var valid = /^[a-zA-Z ]+$/;
        if (!strtourName.match(valid)) {
            document.getElementById("divTourName").innerHTML = "Invalid tour
name. Only alphabets and space allowed.";
            document.getElementById("txtTourName").className = "error-text";
            flagName = false;
        } else {
            flagName = true;
            document.getElementById("divTourName").innerHTML = "<img
src=images/tick.jpg>";
            document.getElementById("txtTourName").className = "";
        }
    }
  }

  function checkDest(htmlObj) {
    var strDest = htmlObj.value;
    if (strDest == "") {
        flagDest = false;
        document.getElementById("divDestName").innerHTML = "Please Enter
Destination.";
    } else {
        flagDest = false;
        var valid = /^[a-zA-Z, ]+$/;
        if (!strDest.match(valid)) {
            document.getElementById("divDestName").innerHTML = "Invalid
Destination. Only alphabets, comma(',') and space allowed.";
            document.getElementById("txtDestination").className = "error-text";
            flagDest = false;
        } else {
            flagDest = true;
            document.getElementById("divDestName").innerHTML = "<img
src=images/tick.jpg>";
            document.getElementById("txtDestination").className = "";
        }
    }
```

```javascript
  }

  function checkStartDate() {
    var strStDate = document.getElementById("startDate").value;
    var stdate = new Date(strStDate).setHours(0, 0, 0, 0);
    var today = new Date().setHours(0, 0, 0, 0);
    console.log(strStDate);
    if (strStDate == "") {
      flagStartDate = false;
      document.getElementById("divStartDate").innerHTML = "Please enter
start date";
    } else {
      flagStartDate = false;
      if (stdate < today) {
        document.getElementById("divStartDate").innerHTML = "Invalid
Date.Please enter valid date. Minimum date is today.";
        document.getElementById("startDate").className = "error-text";
        flagStartDate = false;
      } else {
        flagStartDate = true;
        document.getElementById("divStartDate").innerHTML = "<img
src=images/tick.jpg>";
        document.getElementById("startDate").className = "";
      }
    }
  }
  function activateEndDate() {
    if (flagStartDate == true)
      document.getElementById("endDate").disabled = false;
  }
  function checkEndDate() {
    var strStDate = document.getElementById("startDate").value;
    var stdate = new Date(strStDate);
    var strEndDate = document.getElementById("endDate").value;
    var endDate = new Date(strEndDate);
    var minDate = new Date(stdate.getFullYear(), stdate.getMonth(),
stdate.getDate() + 1);
    var maxDate = new Date(endDate.getFullYear(), endDate.getMonth(),
endDate.getDate() + 90);
    if (strEndDate == "") {
```

```javascript
            flagEndDate = false;
            document.getElementById("divEndDate").innerHTML = "Please enter end
date";
        } else {
            flagEndDate = false;
            if (!(minDate <= endDate && endDate <= maxDate)) {
                document.getElementById("divEndDate").innerHTML = "Invalid
Date.Please enter valid date. Minimum date is one day after start date and
maximum 3 months after start date.";
                document.getElementById("endDate").className = "error-text";
                flagEndDate = false;
            } else {
                flagEndDate = true;
                document.getElementById("divEndDate").innerHTML = "<img
src=images/tick.jpg>";
                document.getElementById("endDate").className = "";
            }
        }
    }
    function checkPrice() {
        var numPrice = Number(document.getElementById("txtPrice").value);
        if (numPrice == "") {
            flagPrice = false;
            document.getElementById("divPrice").innerHTML = "Please enter price";
        } else {
            flagPrice = false;
            if (numPrice < 500 || numPrice > 100000) {
                document.getElementById("divPrice").innerHTML = "Invalid Price";
                document.getElementById("txtPrice").className = "error-text";
                flagPrice = false;
            } else {
                flagPrice = true;
                document.getElementById("divPrice").innerHTML = "<img
src=images/tick.jpg>";
                document.getElementById("txtPrice").className = "";
            }
        }
    }
    function getId() {
        var tid = "TR" + count;
```

```
    var numzeroes = 6 - tid.length;
    tid = "TR";
    for (var i = 0; i < numzeroes; i++) {
      tid += "0";
    }
    tid += count;
    document.getElementById("txtTourID").value = tid;
    document.getElementById("divTourName").innerHTML = "";
    document.getElementById("txtTourName").className = "";
    document.getElementById("divDestName").innerHTML = "";
    document.getElementById("txtDestination").className = "";
    document.getElementById("divStartDate").innerHTML = "";
    document.getElementById("startDate").className = "";
    document.getElementById("divEndDate").innerHTML = "";
    document.getElementById("endDate").className = "";
    document.getElementById("divPrice").innerHTML = "";
 }

 var userRow = "";
 function cheeckAllInput() {
    if (document.getElementById("txtTourID").value != "") {
      if (document.getElementById("txtTourName").value != "" && flagName !=
false) {
        if (document.getElementById("txtDestination").value != "" &&
flagDest != false) {
          if (document.getElementById("startDate").value != "" &&
flagStartDate != false) {
            if (document.getElementById("endDate").value != "" &&
flagEndDate != false) {
              if (document.getElementById("txtPrice").value != "" &&
flagPrice != false) {
                var headerContent = "";
                headerContent = "<table border=0><tr>";
                headerContent += "<td align=center valign=center
class=headerCell> Sl.No.</td>";
                headerContent += "<td align=center valign=center
class=headerCell> Tour ID</td>";
                headerContent += "<td align=center valign=center
class=headerCell> Tour Name</td>";
```

```javascript
                headerContent += "<td align=center valign=center
class=headerCell> Destination</td>";
                headerContent += "<td align=center valign=center
class=headerCell> Start Date</td>";
                headerContent += "<td align=center valign=center
class=headerCell> End Date</td>";
                headerContent += "<td align=center valign=center
class=headerCell> Price per Head</td>";
                headerContent += "</tr>";
                var tid = document.getElementById("txtTourID").value;
                var tourName =
document.getElementById("txtTourName").value;
                var destination =
document.getElementById("txtDestination").value;
                var startDate = document.getElementById("startDate").value;
                var endDate = document.getElementById("endDate").value;
                var price = document.getElementById("txtPrice").value;

                userRow += "<tr>";
                userRow += "<td align=center valign=center
class=commonCell>" + count + "</td>";
                userRow += "<td align=center valign=center
class=commonCell>" + tid + "</td>";
                userRow += "<td align=center valign=center
class=commonCell>" + tourName + "</td>";
                userRow += "<td align=center valign=center
class=commonCell>" + destination + "</td>";
                userRow += "<td align=center valign=center
class=commonCell>" + startDate + "</td>";
                userRow += "<td align=center valign=center
class=commonCell>" + endDate + "</td>";
                userRow += "<td align=center valign=center
class=commonCell>" + price + "</td>";
                userRow += "</tr>";
                var content = headerContent + userRow + "</table>";
                document.getElementById("divShowCourses").innerHTML =
content;
                alert("Course succesfully added!");
                document.getElementById("frmCourseReg").reset();
                count++;
```

```
                getId();
            } else {
                alert("Please enter price 500 to  1,00,000.");
            }
        }
        else {
            alert("Please select the end date.");
        }
    } else {
        alert("Please select the start date.");
    }
    } else {
        alert("Please enter valid destination.");
    }
    } else {
        alert("Please enter valid tour name.");
    }
    } else {
        alert("Please reload the page. Error on loading.");
    }
  }
</script>


External assignment3.css file:

table {
 margin: 0 auto;
}
#input-table {
 box-shadow: 2px 2px 15px 1px black;
 padding: 30px;
}
input[type="text"],
input[type="date"],
input[type="number"],
select {
 border: 1px solid skyblue;
 border-radius: 5px;
 padding: 6px 6px;
```

```css
  margin: 5px 0;
}

.btn {
 color: white;
 background-color: #6779a0;
 box-shadow: 1px 1px 5px 1px black;
 margin: 10px;
 padding: 5px 10px;
 width: 80px;
 font-weight: bold;
 border-radius: 5px;
}

.btn:hover {
 color: blue;
 background-color: white;
 cursor: pointer;
}

.error-text {
 background-color: #eedddd;
}

.headerCell {
 font-family: calibri;
 font-size: large;
 color: black;
 padding: 10px;
 border: 2px solid #934422;
 border-radius: 5px;
}

.commonCell {
 font-family: calibri;
 font-size: medium;
 color: black;
 padding: 5px;
 border: 1px solid skyblue;
 border-radius: 5px;
```

```
}
```

## Screenshots:

### Before input:



### After input: