ZEEParty Planner -V2

**Grade settings**: Maximum grade: 100  
**Based on**: [ZEEParty Planner -V2](https://cognizant.tekstac.com/mod/vpl/view.php?id=31208)  
**Run**: Yes **Evaluate**: Yes  
**Automatic grade**: Yes **Maximum execution time**: 120 s **Maximum memory used**: 1.25 GiB **Maximum number of processes**: 100000

**Zee Party Planner V2**

**Objective**

To add scripting to existing web page and work with JavaScript basic activities. The basic Javascript concepts like DOM, String, conditional Statements are covered.

**Problem Description:**

**Zee**,a leading party makers has decided to go online and has generated a template to get first hand information from the customers who want a party to be arranged. Design a form which will require the person in-charge to make an entry of every party to be planned with ease .Customers should ensure that zee party planner will not accept your request/order if

1. Guest Count is less than 50.
2. Event date is before or on current date(if chosen accidently by customer).
3. Event date is just 1 or 2 days after the current Date.
4. Zee offer Either/Both Veg and Non Veg cuisine. The cost differs for each Event Type .Food Cost for event type is given in later part of the section.
5. Hall charges will be 0/- if the Food Type is selected(Veg./Non Veg./Both). Other wise 10000/-Rs will be charged towards hall when no FoodType is selected.
6. A GST of 18% is applied on the final Bill irrespective of EventType, FoodType /no FoodType.
7. Selection of Referral Type(How do you reach us) is not mandatory while submitting form.

**Following are the files that contain code snippets.**

|  |  |
| --- | --- |
| partyplanner\_v2.html | HTML for webpage (complete implementation is already provided). Do not change this file |
| partyplanner\_v2.js | Add your code in this file for the functions given. |

**Procedure to complete the exercise**

In partyplanner\_v2.js, provide the implementation for the functions as per the requirements mentioned below

|  |  |
| --- | --- |
| validateEventDate1(eventDate) | This function should return false if the eventDate is before current date else it returns true. |
| validateEventDate2(eventDate) | This function should return false if the eventDate is 1 or 2 days after current date else it returns true. |
| validateGuestCount(gcount) | This function should return false if guest count is less than 50 else returns true. |
| calculateBillAmount(gcount, cname, email) | This function calculates bill amount based on event type,GuestCount(gcount) and the cuisine type selected.   |  |  |  | | --- | --- | --- | | Event Type | Cuisine | Charge/person | | Wedding | Veg | 400 | | Wedding | Non Veg | 500 | | Wedding | Veg and Non Veg | 650 | | Naming Ceremony | Veg | 350 | | Naming Ceremony | Non Veg | 400 | | Naming Ceremony | Veg and Non Veg | 500 | | Birthday | Veg | 250 | | Birthday | Non Veg | 300 | | Birthday | Veg and Non Veg | 400 |   This function returns bill amount with below given message:  "Dear "+ cname + ",</br>"+"We confirm your Order.The amount is Rs : "+billAmt+"</br>"+  "Further details will be mailed on â€œ+"</br>"+email.  Here cname is Name,billAmt is BillAmt including GST,email is Email ID  For Eg:- If Event Type is birthday,Cuisine is Veg and guest count is 100, billAmt=29500(after adding 18% GST) |
| estimateAmount() | On Clicking SUBMIT button, this function is invoked.  This function invokes validateEventDate1(eventDate), validateEventDate2 (eventDate)and validateGuestCount(gCount) functions to validate Event date (eventDate)and guest count(gCount). If any of these functions return false, focus should be set to that respective HTML control to accept new input/value(i.e., set focus to HTML Form field EventDate if validateEventDate1(eventDate) or validateEventDate2(eventDate) fails.Set focus to HTML Form field Expected GuestCount if validateGuestCount(gCount) fails) and an alert box with appropriate message should be displayed.(get alert messages from screen shot given below). If all the values are valid then it invokes calculateBillAmount to get the bill amount with appropriate message and display the output (Refer screenshot) in <div> tag with id as â€œresultâ€. |

ScreenShot1: When Veg cuisines are selected and event type â€˜Naming Ceremonyâ€™

Screen Shot 2 : When Non Veg cuisines are selected and event type â€˜Naming Ceremonyâ€™.

Screen Shot 3 : When both Veg and Non Veg cuisines are selected and event type â€˜Naming Ceremony

Screen Shot 4: When both Veg and Non Veg cuisines are selected and event type is â€˜Weddingâ€™

Screen Shot 5 : When no cuisine is selected and event type â€˜Naming Ceremonyâ€™

Screen Shot 6: When event date is before current date(Assume current date is 28/06/2021 and event date is 27/06/2021)

Screen Shot 7: When event date is just 1 or 2 days after current date(Assume current date is 28/06/2021 and event date is 29/06/2021)

### **Automatic evaluation**[**[+]**](javascript:void(0);)

#### **partyplanner\_v2.html**

1 <!DOCTYPE html>

2 <html>

3 <head>

4

5 <style>

6

7 #partyPlanner {

8 font-family: Arial;

9 border-collapse: collapse;

10 width: 500px;

11 background-color:#5f9ea0;

12 padding-top: 12px;

13 padding-bottom: 12px;

14 text-align: center;

15 color: white;

16 }

17

18 #partyPlanner td, #partyPlanner th {

19 border: 1px solid #ddd;

20 padding: 8px;

21 }

22

23

24

25 body {

26 background-color:#FFCC99;

27 }

28

29

30 h1 {

31

32 color: #FFFFFF;

33 font-family: Courier New;

34 font-style: italic;

35 text-align: center;

36 background-color: #ff6347;

37 }

38

39 form {

40 margin: 0 auto;

41 width: 300px;

42 }

43

44

45 ul {

46 text-align: left;

47 }

48

49

50 .checkboxes label {

51

52 display: inline-block;

53

54 padding-right: 10px;

55

56 white-space: nowrap;

57

58 }

59

60 .checkboxes input {

61

62 vertical-align: middle;

63

64 }

65

66 .checkboxes label span {

67

68 vertical-align: middle;

69

70 }

71

72 #result {

73 color: #770080;

74 font-weight: bold;

75 }

76

77

78 </style>

79

80 <script src="partyplanner\_v2.js" lang="text/javascript"></script>

81

82 <title>Zee Party Planner</title>

83 </head>

84 <body>

85

86

87 <h1 id="heading1">Zee Party Planner</h1>

88 <form onsubmit="return estimateAmount()">

89

90 <table id="partyPlanner">

91 <tr>

92 <td colspan="2">

93 <div id="menu"><h3 id="heading2">Fill out this Form</h3>

94

95

96 </div>

97 </td>

98

99

100 </tr>

101

102

103

104 <tr>

105 <th id="basicinfo" colspan="2">Basic Info </th>

106 </tr>

107

108

109 <tr>

110 <td>Enter your Name</td>

111 <td><input type="text" name="myName" id="myName"

112 placeholder="Enter Your Name" required="required" pattern="[A-Za-z ]\*"></td>

113 </tr>

114

115

116 <tr>

117 <td >Gender</td>

118 <td><input type="radio" name="gender" id="male" value="Male"

119 required="required">Male <input type="radio" name="gender"

120 id="female" value="Female" required="required">Female</td>

121 </tr>

122

123 <tr>

124 <td>Mobile Number</td>

125 <td><input type="text" name="mobileNumber" id="mobileNumber"

126 placeholder="Enter Your Mobile No" pattern="[7-9]{1}[0-9]{9}"

127 required="required"></td>

128 </tr>

129

130 <tr>

131 <td>Email ID</td>

132 <td><input type="email" name="email" id="email"

133 placeholder="Enter your email id" required="required" pattern="[a-zA-Z0-9.\_%+-]+@[a-z0-9.-]+\.[a-z]{2,}$"></td>

134 </tr>

135

136

137

138

139 <tr>

140 <th id="partyinfo" colspan="2">Party Info</th>

141 </tr>

142

143

144 <tr>

145 <td>Event Date</td>

146 <td><input type="date" name="eventDate" id="eventDate"

147 placeholder="Enter Event Date" required="required"></td>

148

149

150 <tr>

151 <td>Event Type</td>

152 <td colspan="2"><select id="event" name="event">

153 <option id="birthday" value="Birthday">Birthday</option>

154 <option id="wedding" value="Wedding">Wedding</option>

155 <option id="naming" value="Naming Ceremony">Naming Ceremony</option>

156 </select>

157 </td>

158 </tr>

159 <tr>

160 <td>Event Location</td>

161 <td><textarea id="address" rows="5" placeholder="Enter Your Address" required="required"></textarea></td>

162 </tr>

163

164

165 <tr>

166 <td>Expected Guest Count</td>

167 <td><input type="number" id="gcount" name="gcount" placeholder="Enter Guest Count" required="required"></td>

168 </tr>

169

170

171 <tr>

172 <td>Food Type</td>

173 <td colspan="2">

174 <div class="checkboxes">

175

176

177

178

179 <input type="checkbox" name="food" id="veg" value="veg" /><span>Veg</span><br>

180

181 <input type="checkbox" name="food" id="nonveg" value="nonveg" /><span>Non-Veg</span><br>

182

183

184 </div>

185 </td>

186 </tr>

187

188 <tr>

189 <td>How did you reach out to us</td>

190 <td colspan="2">

191 <input type="radio" name="referral" id="Friends" value="Friends">&nbsp;Friends<br>

192 <input type="radio" name="referral" id="Family" value="Family">&nbsp;Family<br>

193 <input type="radio" name="referral" id="ad" value="Advertisement">&nbsp;Advertisement<br>

194 <input type="radio" name="referral" id="nPaper" value="New Paper">&nbsp;News paper<br>

195

196 </td>

197 </tr>

198

199

200

201 <tr>

202 <td><input type="reset" value="Clear" id="reset">

203 </td>

204 <td><input type="submit" id="submit" value="Submit"></td>

205 </tr>

206 <tr>

207 <td colspan="2">

208 <div id="result"></div>

209 </td>

210 </tr>

211

212

213 </table>

214

215

216

217 </form>

218 </body>

219 </html>

220

221

#### **partyplanner\_v2.js**

1 //TYPE YOUR JS CODE HERE

2 //TYPE YOUR JS CODE HERE

3 function estimateAmount(){

4

5

6 var cname = document.getElementById("myName").value;

7 var email=document.getElementById("email").value;

8 var eDate =document.getElementById("eventDate").value;

9 var crowd=document.getElementById("gcount").value;

10

11 if(validateEventDate1(eDate))

12 { if(validateEventDate2(eDate))

13 { if(validateGuestCount(crowd))

14 {document.getElementById("result").innerHTML=calculateBillAmount(crowd,cname,email);}

15 else

16 { alert("Guest count must be minimum 50!!");

17 document.getElementById("gcount").focus();

18 }

19 }

20 else

21 { document.getElementById("eventDate").focus();

22 alert("Event date cannot be just 1 or 2 days after current date!!");

23

24 }

25

26 }

27 else

28 {

29 alert("Event Date can't be today or before !!");

30 document.getElementById("eventDate").focus();

31 }

32 return false;

33 }

34 function validateEventDate1(eDate)

35 {var eventDate =new Date(eDate);

36 var today=new Date();

37 if (eventDate.getTime() <today.getTime()) {

38 return false;

39 }

40 else

41 { return true;}

42 }

43 function validateEventDate2(eDate)

44 { var eventDate =new Date(eDate);

45 var today=new Date();

46 var edate=today.getDate()+3;

47 var d=new Date(today.getFullYear(),today.getMonth(),edate);

48

49 if(eventDate.getTime()<=d.getTime())

50 { return false;}

51 else

52 { return true;}

53 }

54 function validateGuestCount(crowd)

55 { if(crowd<50)

56 {return false;}

57 else

58 {return true;}

59

60 }

61 function calculateBillAmount(crowd,cname,email)

62 {

63

64 var items="";

65 var iprice=0;

66 var hallcharge=10000;

67 var GST=0.18;

68 var foodtype=document.getElementsByName("food");

69 var e=document.getElementById("event");

70 var eventname=e.options[e.selectedIndex].text;

71

72 if(eventname=='Wedding')

73 {

74 if(foodtype[0].checked==true &&foodtype[1].checked==true)

75 {

76 iprice=crowd\*650;

77 }

78 else if(foodtype[0].checked==false &&foodtype[1].checked==true)

79 {

80 iprice=crowd\*500;

81 }

82 else if(foodtype[0].checked==true &&foodtype[1].checked==false)

83 {

84 iprice=crowd\*400;

85 }

86 }

87 else if(eventname=='Naming Ceremony')

88 {

89 if(foodtype[0].checked==true &&foodtype[1].checked==true)

90 {

91 iprice=crowd\*500;

92 }

93 else if(foodtype[0].checked==false &&foodtype[1].checked==true)

94 {

95 iprice=crowd\*400;

96 }

97 else if(foodtype[0].checked==true &&foodtype[1].checked==false)

98 {

99 iprice=crowd\*350;

100 }

101 }

102 else

103 {

104 if(foodtype[0].checked==true &&foodtype[1].checked==true)

105 {

106 iprice=crowd\*400;

107 }

108 else if(foodtype[0].checked==false &&foodtype[1].checked==true)

109 {

110 iprice=crowd\*300;

111 }

112 else if(foodtype[0].checked==true &&foodtype[1].checked==false)

113 {

114 iprice=crowd\*250;

115 }

116 }

117

118 if(iprice==0)

119 {

120 iprice=hallcharge;

121 }

122 var finalPrice=iprice+iprice\*GST;

123

124 return "Dear "+ cname + ",</br>"+"We confirm your Order.The amount is Rs : "+finalPrice+"</br>"+

125 "Further details will be mailed on :"+"</br>"+email;

126

127

128

129 }

130

131

132

## Grade

Reviewed on Friday, 18 February 2022, 10:45 PM by Automatic grade  
**Grade** 100 / 100  
**Assessment report**