

Assignment -1

Develop a sample homepage with html, CSS which should include banner, image & description about yourself and contact form.

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Question-1:

Develop a sample homepage with html, CSS which should include banner, image & description about yourself ?

Solution :

[illegible]

```
File Edit Selection View Go Run Terminal Help
Styles.css - IBM PROJECTS - Visual Studio Code

MuraliResume.html x # Styles.css x

# Styles.css > h2
1 body {
2   background-color: rgb(4, 202, 213);
3 }
4 h1 {
5   color: navy;
6   border-bottom: 6px solid red;
7   margin: 0 0 50px 0;
8 }
9 h2 {
10  color: green;
11  margin: 20px 0 0 0;
12  border-left: 6px solid red;
13 }
14 h3 {
15  color: brown;
16  margin: 20px 0 0 0;
17 }
18 h4 {
19  color: black;
20  margin: 20px 0 0 0;
21 }
22 p {
23   width: 300px;
24   border: 15px solid green;
25   padding: 50px;
26   margin: 20px;
27 }
28 h5 {
29   height: 200px;
30   width: 50%;
31   background-color: powderblue;
32 }
```



Question-2:

Develop a Contact Form?

Solution :

```
FormValidation.HTML > # validateForm
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <title>JavaScript Form validation</title>
6 <link rel="stylesheet" href="validform.css">
7 <script>
8
9 function printError(elementId, hintMsg) {
10     document.getElementById(elementId).innerHTML = hintMsg;
11 }
12
13
14 function validateForm() {
15
16     var name = document.contactForm.name.value;
17
18     var email = document.contactForm.email.value;
19
20     var mobile = document.contactForm.mobile.value;
21
22     var country = document.contactForm.country.value;
23
24     var gender = document.contactForm.gender.value;
25
26     var hobbies = [];
27
28     var checkboxes = document.getElementsByName("hobbies[]");
29     for(var i=0; i < checkboxes.length; i++) {
30         if(checkboxes[i].checked) {
31             hobbies.push(checkboxes[i].value);
32         }
33     }
34
35
36     var nameErr = emailErr = mobileErr = countryErr = genderErr = true;
37
38
39     if(name == "") {
40         printError("nameErr", "Please enter your name");
41     } else {
42         var regex = /^[a-zA-Z]+$/;
43         if(regex.test(name) == false) {
44             printError("nameErr", "Please enter a valid name");
45         } else {
46             printError("nameErr", "");
47             nameErr = false;
48         }
49     }
50
51
52     if(email == "") {
53         printError("emailErr", "Please enter your email address");
54     }
```

```
FormValidation.HTML > # validateForm
114 </head>
115 <body>
116 <form name="contactForm" onsubmit="return validateForm()" action="VIEW.HTML" method="post">
117 <div><center>PERSONAL DETAILS</center></div>
118
119 <div class="row">
120 <label>Full Name</label>
121 <input type="text" name="name">
122 <div class="error" id="nameErr"></div>
123 </div>
124 <div class="row">
125 <label>Email Address</label>
126 <input type="text" name="email">
127 <div class="error" id="emailErr"></div>
128 </div>
129 <div class="row">
130 <label>Mobile Number</label>
131 <input type="text" name="mobile" maxlength="10">
132 <div class="error" id="mobileErr"></div>
133 </div>
134 <div class="row">
135 <label>Country</label>
136 <select name="country">
137 <option>Select</option>
138 <option>India</option>
139 <option>Australia</option>
140 <option>United States</option>
141 <option>United Kingdom</option>
142 </select>
143 <div class="error" id="countryErr"></div>
144 </div>
145 <div class="row">
146 <label>Gender</label>
147 <div class="form-inline">
148 <label><input type="radio" name="gender" value="male"> Male</label>
149 <label><input type="radio" name="gender" value="female"> Female</label>
150 </div>
151 <div class="error" id="genderErr"></div>
152 </div>
153 <div class="row">
154 <label>Hobbies <input type="checkbox"/> Optional</label>
155 <div class="form-inline">
156 <label><input type="checkbox" name="hobbies[]" value="sports"> Sports</label>
157 <label><input type="checkbox" name="hobbies[]" value="movies"> Movies</label>
158 <label><input type="checkbox" name="hobbies[]" value="music"> Music</label>
159 </div>
160 </div>
161 <div class="row">
162 <input type="submit" value="Submit">
163 </div>
164 </form>
165 </body>
166 </html>
```

```
File Edit Selection View Go Run Terminal Help validform.css - IBM PROJECTS - Visual Studio Code
# validform.css X
# validform.css > body
40 padding: 8px 10px 4px;
41 border-radius: 2px;
42 }
43 .form-inline label, .form-inline input {
44 display: inline-block;
45 width: auto;
46 padding-right: 15px;
47 }
48 .error {
49 color: red;
50 font-size: 90%;
51 }
52 input[type="submit"] {
53 font-size: 110%;
54 font-weight: 100;
55 background: #0000cc;
56 border-color: #0000cc;
57 box-shadow: 0 3px 0 #0000cc;
58 color: #ffffff;
59 margin-top: 10px;
60 cursor: pointer;
61 }
62 input[type="submit"]:hover {
63 background: #0000cc;
64 }
```

127.0.0.1:5500/FORMVALIDATION.HTML

PERSONAL DETAILS

Full Name

Email Address

Mobile Number

Country

Gender
☐ Male ☐ Female

Hobbies (Optional)
☐ Sports ☐ Movies ☐ Music