

# ASSIGNMENT 1

## 1.CHESS .CSS

```
body
{
    background: #e8e7de;
    font-family: 'Montserrat', sans-serif;
}
.chessboard {
    width: 640px;
    height: 640px;
    margin: 20px;
    border: 3px solid #000000;
    border-radius: 4px;
    background: #e59110;

}
.black {
    float: left;
    width: 80px;
    height: 80px;
    background-color: #000000;
    font-size:50px;
    text-align:center;
    display: table-cell;
    vertical-align:middle;
}
.white {
    float: left;
    width: 80px;
    height: 80px;
    background-color: #ffffff;
    font-size:50px;
    text-align:center;
    display: table-cell;
    vertical-align:middle;
}
```

## 2. CHESSBOARD.HTML

```
<html>
  <head>
    <meta charset="UTF-8">
    <title> CHESS BOARD</title>
    <link rel="stylesheet" href="chess.css" type="text/css">
  </head>
```

```
<body>
<div class="chessboard">
  <!-- 1st -->
  <div class="white"></div>
  <div class="black"></div>
  <div class="white"></div>
  <div class="black"></div>
  <div class="white"></div>
  <div class="black"></div>
  <div class="white"></div>
  <div class="black"></div>
  <!-- 2nd -->
  <div class="black"></div>
  <div class="white"></div>
  <div class="black"></div>
  <div class="white"></div>
  <div class="black"></div>
  <div class="white"></div>
  <div class="black"></div>
  <div class="white"></div>
  <!-- 3th -->
  <div class="white"></div>
  <div class="black"></div>
  <div class="white"></div>
  <div class="black"></div>
  <div class="white"></div>
  <div class="black"></div>
  <div class="white"></div>
  <div class="black"></div>
  <!-- 4st -->
  <div class="black"></div>
  <div class="white"></div>
  <div class="black"></div>
  <div class="white"></div>
  <div class="black"></div>
  <div class="white"></div>
  <div class="black"></div>
  <div class="white"></div>
  <!-- 5th -->
  <div class="white"></div>
  <div class="black"></div>
  <div class="white"></div>
  <div class="black"></div>
  <div class="white"></div>
  <div class="black"></div>
  <div class="white"></div>
```

```

<div class="black"></div>
<!-- 6th -->
<div class="black"></div>
<div class="white"></div>
<div class="black"></div>
<div class="white"></div>
<div class="black"></div>
<div class="white"></div>
<div class="black"></div>
<div class="white"></div>
<!-- 7th -->
<div class="white"></div>
<div class="black"></div>
<div class="white"></div>
<div class="black"></div>
<div class="white"></div>
<div class="black"></div>
<div class="white"></div>
<div class="black"></div>
<!-- 8th -->
<div class="black"></div>
<div class="white"></div>
<div class="black"></div>
<div class="white"></div>
<div class="black"></div>
<div class="white"></div>
<div class="black"></div>
<div class="white"></div>
</div>
</body>
</html>

```

### 3.REGISTRATION.HTML

```

<html>
  <head>
    <title>registration form</title>
    <style>
      body{ background-color:#de8fff;}
      h2,h3{ text-align:center;}
      label{ float:left;width:6em;text-align:right;}
      input{ margin-left:2em;margin-bottom:.5em;}
      textarea{ margin-left:2em;margin-bottom:2em;}
      select{ margin-left:2em;margin-bottom:2em;}
      fieldset{ margin-bottom:2em;}
    </style>

```

```

<script>
form validationform()
{
varfirstname=document.myform.name.value;
varsecoundname=document.myform.name.value;
varpassword=document.myform.password.value;
if(name==null || name==""){
alert("name can't be fill");
return false;
}
else if(password.length<8)
{
alert("password must be at least 8 characters long.");
return false;
}
}
</script>
<script>
<script type="text/javascript">
function matchpass()
{
var firstpassword=document.f1.password.value;
var secondpassword=document.f1.passwor2.value;
if(firstpassword==secondpassword)
{
return true;
}
else
{
alert("password must be correct to same!");
return false;
}
}
</script>
<script>
<function validate()
{
var num=document.myform.num.value;
if(isNaN(num))
{
document.getElementById("numloc");
alert("enter for numeric value only used");
return false;
}
else
{

```

```

return true;
}
}
</script>
<script>
function validate_email()
{
var x=document.myform.email.value;
var at position=x.index of("@");
var dot position=x.last indexof(".");
if(at position<1|| dot position<at position+2||dot position+2>=x.length)
{
alert("please enter a valid email address \n at position:"+at position+"\n dot position:"+dot
position);
return false;
}
}
</script>
</head>
<body>
<h2>Registration Form using html,css,Javascript</h2>
<form name="myform" method="post" action="abc.jsp" onsubmit="return validateform()
required">
<label for="FirstName">First Name:</label>
<input type="text" name="FirstName" id="FirstName" required/></br>
<label for="LastName">Last Name:</label>
<input type="text" name="Last Name" id="LastName"/><br/>
<label for="pwd">Password:</label>
<input type="Pass Word" name="pwd" id="pwd"/></br>

<form name=f1 "action="register.jsp"onsubmit="return matchpass(">
<label for="First Password">Re-Password:</label>
<input type="First Password" name="pwd" id="pwd" required/></br>
<label for="Secound Password">ConfirmPass:</label>
<input type="Secound Password" name="pwd2" id="pwd2" required/></br>

<form name="myform"onsubmit="returnvalidate()">
<label for="dob"> Date of Birth:</label>
<input type="date" name="dob" id="dob" required/></br>
<label for="number">Number:</label>
<input type="number" name="number" id="number" required /></br>

```

```

<form name="myform"method="post"action="#on submit="return validate();">
<label for="email">E-Mail ID:</label>
<input type="email"name="email"id="email"/></br>

```

```

<label for="dept">DEPAERTMENT:</label>
<select name="dept"id="dept">
<option>EEE</option>
<option>IT</option>
<option>CSE</option>
<option>B.ARCH</option>
<option>ECE</option>
<option>MECH</option>
</select>

```

```

<fieldset>
<legend> Gender:</legend><br/>
<input type="radio"value="male"name="gender"id="male" required/><br/>
<label for="male">male</label>
<input type="radio"value="female"name="gender"id="female" required/><br/>
<label for="female">female</label>
<input type="radio"value="others"name="others"id="female" required/><br/>
<label for="others">others</label>
</fieldset>

```

```

<label for="textarea">Command: </label>
<textarea rows="5" cols="30" id="textarea"name="textarea"></textarea></br>

```

```

<input type="submit"value="REGISTER"name="register"id="register"/>
<input type="reset"value="CLEAR"name="clear"id="clear"/>
</form>
</body>
</html>

```

#### 4.TABEL.HTML

```

<html>
<head>
<title>table</title>
<style>

```

```

body{background-color:#fed012;}
table{border:2px solid;margin-right:auto;margin-left:auto;}
td,th{border:2px solid;text-align:center;padding:1em;width:100px;height:25px;}
caption{font-weight:bold;}
</style>
</head>
<body>
<table>
<caption>table</caption>
<tr>
<td colspan="2">1</td>
<td>2</td>
<td rowspan="6">interval/lunch</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>10</td>
<td>11</td>
<td>12</td>
<td colspan="2">13</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
<td colspan="2">nalaiyathiran</td>
</tr>
<tr>
<td>17</td>
<td colspan="1" rowspan="1">18</td>
<td>19</td>
<td colspan="2">20</td>
</tr>
<tr>
<td>21</td>
<td>22</td>

```

```
<td>23</td>
<td colspan="2">nalaiyathiran</td>
</tr>
</body>
</table>
</html>
```

## 5.TIC TAC TOE.HTML

```
<html>

<head>
<style>
* {
    font-family: "Roboto", sans-serif;
}

.player_indicator {
    text-align: center;
    margin-top: 20px;
    color: cadetblue;
}

.board {
    display: grid;
    position: relative;
    z-index: 99;
    grid-template-rows: 150px 150px 150px;
    grid-template-columns: 150px 150px 150px;
    height: 500px;
    padding: 10px;
    justify-content: center;
    align-content: center;
    transition: z-index 1s ease, height 1s ease;
}

.board_tile {
    border: 1px solid red;
    padding: 20px;
    text-align: center;
    align-content: center;
    transition: all 1s ease;
    color: white;
    font-size: 0;
}
```



```
.new-board_tile {  
  font-size: 6em;  
  font-family: "Roboto", sans-serif;  
  color: cadetblue;  
  opacity: 1;  
}
```

```
.remove-left-border {  
  border-left: 1px solid transparent;  
}
```

```
.remove-right-border {  
  border-right: 1px solid transparent;  
}
```

```
.remove-top-border {  
  border-top: 1px solid transparent;  
}
```

```
.remove-bottom-border {  
  border-bottom: 1px solid transparent;  
}
```

```
.modal {  
  position: absolute;  
  top: 0;  
  left: 0;  
  background-color: rgba(0, 0, 0, 0.8);  
  width: 100%;  
  height: 100vh;  
  display: flex;  
  z-index: 0;  
  opacity: 0;  
  transition: opacity 1s ease;  
  padding-bottom: 200px;  
}
```

```
.modal_body {
```

```
margin: auto;
height: 400px;
width: 400px;
background-color: aliceblue;
display: flex;
justify-content: center;
align-items: center;
flex-direction: column;
border: 1px solid white;
border-radius: 1em;
transition: all 1s ease;
}
```

```
.message {
  font-size: 2em;
}
```

```
.reset_btn {
  height: 40px;
padding: 0 15px;
background-color: cadetblue;
color: white;
border: aliceblue;
border-radius: 1em;
margin-top: 50px;
font-size: 2em;
}
```

```
.reset_btn:hover,
.reset_btn:active {
  background-color: turquoise;
  color: black;
  border: 1px solid whitesmoke;
}
```

```
.reset_btn:focus {
  outline: none;
}
```

```
</style>
```

```
</head>
```

```

<body>
<h1 class="player_indicator"></h1>
<div class="board">
  <div class="board_tile remove-left-border remove-top-border">1</div>
  <div class="board_tile remove-top-border">2</div>
  <div class="board_tile remove-right-border remove-top-border">3</div>
  <div class="board_tile remove-left-border">4</div>
  <div class="board_tile">5</div>
  <div class="board_tile remove-right-border">6</div>
  <div class="board_tile remove-left-border remove-bottom-border">7</div>
  <div class="board_tile remove-bottom-border">8</div>
  <div class="board_tile remove-right-border remove-bottom-border">9</div>
</div>
<div class="modal">
  <div class="modal_body">
    <div class="message"></div>
    <button class="reset_btn">Play Again</button>
  </div>
</div>
</body>
</html>

```

## 6.VIBGYOR.CSS

```

* {
  padding: 0;
  margin: 0;
  box-sizing: border-box;
}
body {
  background-color: #8eb0ff;
}
.container {
  height: 34em;
  width: 34em;
  background-color: #ffffff;
  position: absolute;
  transform: translate(-50%, -50%);
  left: 50%;
  top: 50%;
  border-radius: 0.6em;
  box-shadow: 0 1.5em 3.5em rgba(32, 47, 80, 0.2);
}
.container:after {
  content: "";
  position: absolute;
  height: 50.5%;

```

```

width: 100%;
background-color: #ffffff;
bottom: 0;
border-radius: 0 0 0.6em 0.6em;
}
.rainbow-color {
background-color: #ffffff;
position: absolute;
transform: translate(-50%, -50%);
left: 50%;
animation: spin 5s infinite;
transform-origin: 50% 0;
}
@keyframes spin {
30% {
transform: translate(-50%, -50%) rotate(180deg);
}
55% {
transform: translate(-50%, -50%) rotate(180deg);
}
85% {
transform: translate(-50%, -50%) rotate(360deg);
}
100% {
transform: translate(-50%, -50%) rotate(360deg);
}
}
.rainbow-color-1 {
height: 11.25em;
width: 22.5em;
border: 1.25em solid #fd004c;
border-top: none;
top: calc(50% + 5.62em);
border-radius: 0 0 11.25em 11.25em;
animation-delay: 0.8s;
}
.rainbow-color-2 {
height: 10em;
width: 20em;
border: 1.25em solid #fe9000;
border-top: none;
top: calc(50% + 5em);
border-radius: 0 0 10em 10em;
animation-delay: 0.6s;
}
.rainbow-color-3 {

```

```

height: 8.75em;
width: 17.5em;
border: 1.25em solid #fff020;
border-top: none;
top: calc(50% + 4.37em);
border-radius: 0 0 8.75em 8.75em;
animation-delay: 0.4s;
}
.rainbow-color-4 {
height: 7.5em;
width: 15em;
border: 1.25em solid #3edf4b;
border-top: none;
top: calc(50% + 3.75em);
border-radius: 0 0 7.5em 7.5em;
animation-delay: 0.2s;
}
.rainbow-color-5 {
height: 6.25em;
width: 12.5em;
border: 1.25em solid #3363ff;
border-top: none;
top: calc(50% + 3.12em);
border-radius: 0 0 6.25em 6.25em;
}
@media screen and (max-width: 550px) {
body {
font-size: 12px;
}
}

```

## 7.VIBGYOR.HTML

```
<!DOCTYPE
```

```
html>
```

```

<html lang="en">
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Rainbow Animation</title>
  <!-- Stylesheet -->
  <link rel="stylesheet" href="vibgyor.css" />
</head>
<body>
  <div class="container">
    <div class="rainbow-color rainbow-color-1"></div>
    <div class="rainbow-color rainbow-color-2"></div>
    <div class="rainbow-color rainbow-color-3"></div>

```

```
<div class="rainbow-color rainbow-color-4"></div>
<div class="rainbow-color rainbow-color-5"></div>
</div>
</body>
</html>
```