EXERCISE - 1

INDEX :-

```html
<!DOCTYPE html>
<html>
<head>
<title>KHIT College</title>
</head>
<frameset rows="15%,10%,*">
<frameset cols="20%,*">
<frame name="f11" src="logo.html" scrolling="no"></frame>
<frame name="f12" src="title.html" scrolling="no"></frame>
</frameset>
<frameset cols="20%,20%,20%,20%,*">
<frame name="f21" src="home.html"></frame>
<frame name="f22" src="login.html"></frame>
<frame name="f23" src="reg.html"></frame>
<frame name="f24" src="cat.html"></frame>
<frame name="f25" src="cart.html"></frame>
</frameset>
<frameset cols="20%,*">
<frame name="f31" src="branches.html"></frame>
<frame name="f32" src="homepage.html"></frame>
</frameset>
</frameset>
</html>
```

LOGO:-

```html
<!DOCTYPE html>
<html>
<head>
<title></title>
</head>
<body>
<center><img src="images/logo.jpg" width="100" height="100" /></center>
</body>
```

</html>

TITLE:-

```
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title></title>
</head>
<body>
<h1 align="center">KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY</h1>
</body>
</html>
```

HOME:-

```
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title></title>
</head>
<body>
<a href="homepage.html" target="f32">Home</a>
</body>
</html>
```

HOME PAGE:-

```
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title></title>
```

```
</head>

<body>

<p align="justify">Welcome to KHIT.</p>

</body>

</html>
```

LOGIN:-

```
<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title></title>

</head>

<body>

<a href="loginpage.html" target="f32">Login</a>

</body>

</html>
```

LOGIN PAGE:-

```
<!DOCTYPE html>

<html>

<head>

<title></title>

</head>

<body>

<form>

<table align="center" cellspacing="15px">

<tr>

<td><b>Login</b></td>

<td><input type="text" name="uname" /></td>

</tr>

<tr>

<td><b>Password</b></td>

<td><input type="password" name="upwd" /></td>
```

```
</tr>

<tr>

<td colspan="2" align="center">

<input type="submit" />   

<input type="reset" />

</td>

</tr>

</table>

</form>

</body>

</html>
```

REGESTATION :-

```
<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title></title>

</head>

<body>

<a href="regpage.html" target="f32">Registration</a>

</body>

</html>
```

REGESTATION PAGE:-

```
<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

</head>

<body>

<form>

<h1 align="center"> REGISTRATION </h1>
```

```html
<table align="center" cellspacing="10">

<tr>

<td>Name::</td>

<td> <input name="uname" type="text"> </td>

</tr>

<tr>

<td>Password::</td>

<td> <input name="pwd" type="password"> </td>

</tr>

<tr>

<td> E-mail ID:: </td>

<td> <input name="email" type="text"> </td>

</tr>

<tr>

<td> Phone Number:: </td>

<td> <input name="phno" type="text" maxlength="10"> </td>

</tr>

<tr>

<td> Gender:: </td>

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

<input name="gender" type="radio" value="Female">  Female</td>

</tr>

<tr>

<td> Date of Birth </td>

<td>

<form>

    <label for="day">Day:</label>

    <select id="day" name="day">

      <option value="">--Day--</option>

      <!-- Generate days from 1 to 31 -->

      <option value="1">1</option>

      <option value="2">2</option>

      <option value="3">3</option>

      <option value="4">4</option>

      <option value="5">5</option>
```

```html
      <option value="6">6</option>
      <option value="7">7</option>
      <option value="8">8</option>
      <option value="9">9</option>
      <option value="10">10</option>
      <option value="11">11</option>
      <option value="12">12</option>
      <option value="13">13</option>
      <option value="14">14</option>
      <option value="15">15</option>
      <option value="16">16</option>
      <option value="17">17</option>
      <option value="18">18</option>
      <option value="19">19</option>
      <option value="20">20</option>
      <option value="21">21</option>
      <option value="22">22</option>
      <option value="23">23</option>
      <option value="24">24</option>
      <option value="25">25</option>
      <option value="26">26</option>
      <option value="27">27</option>
      <option value="28">28</option>
      <option value="29">29</option>
      <option value="30">30</option>
      <option value="31">31</option>
</select>
<label for="month">Month:</label>
<select id="month" name="month">
    <option value="">--Month--</option>
    <!-- Months from January to December -->
    <option value="1">January</option>
    <option value="2">February</option>
    <option value="3">March</option>
    <option value="4">April</option>
    <option value="5">May</option>
```

```html
        <option value="6">June</option>

        <option value="7">July</option>

        <option value="8">August</option>

        <option value="9">September</option>

        <option value="10">October</option>

        <option value="11">November</option>

        <option value="12">December</option>

    </select>


    <label for="year">Year:</label>

    <select id="year" name="year">

        <option value="">--Year--</option>

        <!-- Generate years from 1900 to the current year -->

        <option value="2020">2020</option>

        <option value="2021">2021</option>

        <option value="2022">2022</option>

        <option value="2023">2023</option>

        <option value="2024">2024</option>

    </select>

</td>

</tr>

<tr>

<td valign="top">Languages Known::</td>

<td>

<input name="lk" type="checkbox" value="English"> English<br>

<input name="lk" type="checkbox" value="Telugu"> Telugu<br>

<input name="lk" type="checkbox" value="Hindi"> Hindi<br>

</td>

</tr>

<tr>

<td>Address</td>

<td><textarea></textarea></td>

</tr>

<tr>

<td colspan="2" align="center"> <input type="submit"
value="Register">     
```

```html
<input type="reset" value="Cancel"> </td>

</tr>

</table>

</form>

</body>

</html>
```

CATALOGUE:-

```html
<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title></title>

</head>

<body>

<a href="catpage.html" target="f32">Catalogue</a>

</body>

</html>
```

CATALOGUE PAGE:-

```html
<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

</head>

<body>

<form>

<table border=1>

<tr>

<td><img src="images/xmlbible.jpg" width="100" height="100"></td>

<td> Book: XML Bible <br>

Author : Winston<br>

Publication: Wiely
```

```html
   <br> </td>
<td>$40.5 </td>
<td><input type="image" src="images/addToCart.jpg" width="150" height="70"></td>
</tr>
<tr>
<td><img src="images/ai.jpg" width="100" height="100"></td>
<td> Book: AI <br>
Author : S Russel<br>
Publication: Princeton hall
   <br> </td>
<td>$63 </td>
<td><input type="image" src="images/addToCart.jpg" width="150" height="70"></td>
</tr>
<tr>
<td><img src="images/java.jpg" width="100" height="100"></td>
<td> Book: XML Bible <br>
Author : Watson<br>
Publication: BPB Publications
   <br> </td>
<td>$35.5 </td>
<td><input type="image" src="images/addToCart.jpg" width="150" height="70"></td>
</tr>
<tr>
<td><img src="images/html.jpg" width="100" height="100"></td>
<td> Book: HTML in 24 hours <br>
Author : Sam Peter<br>
Publication: Sam
   <br> </td>
<td>$50 </td>
<td><input type="image" src="images/addToCart.jpg" width="150" height="70"></td>
</tr>
</table>
</form>
</body>
</html>
```

CART:-

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title></title>
</head>
<body>
<a href="cartpage.html" target="f32">Cart</a>
</body>
</html>
```

CART PAGE:-

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title></title>
</head>
<body>
<h1 align="center">Shopping Cart</h1>
<form>
<table align="center" cellpadding="20px">
<tr>
<th>Product</th>
<th>Description</th>
<th>Price</th>
<th>Quantity</th>
<th>Subtotal</th>
</tr>
<tr>
<td><img src="images/html.jpg" width="100" height="100" /></td>
<td>Book : HTML in 24 hours <br>Author : Sam Peter</td>
```

```html
<td>$50</td>

<td><input type="text" size="2" value="1" readonly /></td>

<td>$50</td>

</tr>

<tr>

<td><img src="images/ai.jpg" width="100" height="100" /></td>

<td>Book : AI <br>Author : S Russel </td>

<td>$63 </td>

<td><input type="text" size="2" value="1" readonly /></td>

<td>$63 </td>

</tr>

<tr>

<th colspan="2">Promotion Code</td>

<th colspan="3">Cart Totals</td>

</tr>

<tr>

<td colspan="2"><input type="text" placeholder="Coupon code" />   <input type="button" value="Apply Coupon" /></td>

<th colspan="2">Subtotal</th>

<td>$113</td>

</tr>

<tr>

<td colspan="2"></td>

<th colspan="2">Total</th>

<th>$113</th>

</tr>

<tr>

<td colspan="5" align="right"><input type="button" value="Proceed to Checkout" /></td>

</tr>

</table>

</form>

</body>

</html>
```

BRANCHES:-

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title></title>
</head>
<body>
<ul>
<li>CSE</li>
<li>IT</li>
<li>AIML</li>
<li>DS</li>
</ul>
</body>
</html>
```

EXERCISE – 2

REGESTATION :-

```html
<!DOCTYPE html>
<html>
<head>
<title>Validation</title>
<script type="text/javascript">
function checkValidation() {
 var name,re_name,pass,cpass,re_pass,mailid,re_mailid,phno,re_phno;
 name=document.reg.uname.value;
 pass=document.reg.pwd.value;
 cpass=document.reg.cpwd.value;
 mailid=document.reg.email.value;
 phno=document.reg.phno.value;
 re_name=new RegExp("^[A-Za-z]+$");
 re_pass=new RegExp("^[A-Za-z0-9]+$");
 re_mailid=new RegExp("^[A-Za-z0-9]+[.|_]?[A-Za-z0-9]+@{1}[A-Za-z0-9]+.com$");
 re_phno=new RegExp("\\d{10}");
 if (name.match(re_name) && name.length>=6) {
 if (pass.match(re_pass) && pass.length>=6) {
 if (pass==cpass) {
 if (mailid.match(re_mailid)) {
 if (phno.match(re_phno) && phno.length==10) {
    window.alert("Enter details are valid.");
 }
 else{
    window.alert("Invalid phone number.");
    document.reg.phno.focus();
 }
 }
 else{
    window.alert("Invalid E-mail ID.");
    document.reg.email.focus();
 }
```

```
    }
    else{
       window.alert("Password and Confirm password must be same.");
       document.reg.cpwd.focus();
    }
    }
    else{
       window.alert("Invalid password.");
       document.reg.pwd.focus();
    }
    }
    else{
       window.alert("Invalid user name.");
       document.reg.uname.focus();
    }
}
</script>
</head>
<body>
<form name="reg">
<h1 align="center"> REGISTRATION </h1>
<table align="center" cellspacing="10">
<tr>
 <td>Name</td>
 <td> <input name="uname" type="text"> </td>
</tr>
<tr>
 <td>Password</td>
 <td> <input name="pwd" type="password"> </td>
</tr>
<tr>
 <td>Confirm Password</td>
 <td> <input name="cpwd" type="password"> </td>
</tr>
<tr>
 <td> E-mail ID </td>
```

```
<td> <input name="email" type="text"> </td>

</tr>

<tr>

 <td> Phone Number </td>

 <td> <input name="phno" type="text" maxlength="10"> </td>

</tr>

<tr>

 <td colspan="2" align="center"><input type="button" value="Validate"
onclick="checkValidation()">     

  <input type="reset" value="Reset"></td>

</tr>

</table>

</form>

</body>

</html>
```

EXERISE-3

AIM:

Inline:

```
<html>
<head>
  <title>Inline CSS Example</title>
</head>
<body>
  <h1 style="color: blue; text-align: center;">This is an Inline CSS Example</h1>
  <p style="color: red;">This paragraph has inline styling applied.</p>
</body>
</html>
```

Internal:

```
<html>
<head>
  <title>Internal CSS Example</title>
  <style>
    body {
      background-color: #e0f7fa;
    }
    h1 {
      color: red;
      text-align: center;
    }
    p {
      font-size: 16px;
      color: purple;
    }
  </style>
</head>
<body>
  <h1>This is an Internal CSS Example</h1>
  <p>This paragraph uses internal styling.</p>
```

```
</body>
</html>
```

Styles:

```css
body {
    background-color: #e0f7fa;
}
h1 {
    color: darkgreen;
    text-align: center;
}
p {
    font-size: 18px;
    color: darkred;
}
```

External:

```html
<html>
<head>
    <title>External CSS Example</title>
    <link rel="stylesheet" type="text/css" href="styles.css">
</head>
<body>
    <h1>This is an External CSS Example</h1>
    <p>This paragraph uses external styling.</p>
</body>
</html>
```

EXERISE-4

Aim:

```html
<!DOCTYPE html>
<html>
<head>
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <title>JS Functions</title>
 <script type="text/javascript">
  var result;
  //Validating input data
  function validate() {
   var num = document.ip.num.value;
   var re_num = new RegExp("^[0-9]+$","g");
   if(num.match(re_num)){
    return parseInt(num);
   }else{
    return false;
   }
  }
  //Find factorial of given number
  function factorial(){
   var val = validate();
   if(val){
    result = 1;
    for (var i=1; i<=val; i++) {
     result *= i;
    }
    document.getElementById('result').innerHTML="Factorial of given number is "+result;
   }else{
    window.alert("Invalid input");
   }
  }
  //Find fibonacci within range
```

```javascript
function fibonacci(){
 var val = validate();
 if(val){
   result = "Fibonacci Sequence is<br>0 1";
   var n1=0,n2=1,n3=n1+n2;
   while(n3<=val){
    result = result+" "+n3;
    n1 = n2;
    n2 = n3;
    n3 = n1+n2;
    }
   document.getElementById('result').innerHTML=result;
 }else{
   window.alert("Invalid input");
 }
}
//Find primes within range
function prime() {
 var i,j;
 var val = validate();
 if(val){
   result = "Prime in given range<br>";
   for(i=2;i<=val;i++){
    for(j=2;j<=parseInt(i/2);j++){
     if(i%j==0)
       break;
    }
    if(j>parseInt(i/2))
     result = result+" "+i;
   }
   document.getElementById('result').innerHTML=result;
 }else{
   window.alert("Invalid input");
 }
}
//Find whether number is palindrome or not
```

```html
      function palindrome(){
        var val = validate();
        if(val){
          var rev=0,temp = val;
          while(temp!=0){
            rev = rev*10+temp%10;
            temp=parseInt(temp/10);
          }
          if(rev==val){
            document.getElementById('result').innerHTML="Given number is Palindrome";
          }else{
            document.getElementById('result').innerHTML="Given number is not Palindrome";
          }
        }else{
          window.alert("Invalid input");
        }
      }
    </script>
</head>
<body>
<center>
  <form name="ip">
    <input type="text" name="num" placeholder="Enter Number" /><br><br>
    <input type="button" value="Factorial" onclick="factorial()" />  
    <input type="button" value="Fibonacci" onclick="fibonacci()" />  
    <input type="button" value="Prime" onclick="prime()" />  
    <input type="button" value="Palindrome" onclick="palindrome()" />
  </form><br>
  <div id="result" style="color: green;font-weight: bold;"></div>
</center>
</body>
</html>
```