

## PART -B

### 1. Write a program to implement list concept.

```
<html>
<head>
<title>
Program for LISTS
</title>
</head>
<body bgcolor="green" text="white">
<center><h1> Syllabus of BCA Semester Wise </h1></center>
<hr/>
<ol type="A">
<font face="helvetica" size="4" color="yellow">
<li> Semester I </li>
<ul type="disc">
<li> English </li>
<li> Language </li>
<li> C Programming </li>
<li> Digital Electronics </li>
<li> Discrete Mathematics </li>
<li> C Programming Lab </li>
<li> DE Lab </li>
</ul>
</font>
<font face="Arial" size="3" color="pink">
<li> Semester II </li>
<ul type="square">
<li> English </li>
<li> Language </li>
<li> DBMS </li>
<li> Data structures </li>
<li> Numerical and statistics methods </li>
<li> DBMS LAB </li>
<li> Data Structures Lab </li>
</ul>
</font>
<li> Semester III </li>
<ul type="circle">
<li> English </li>
<li> Language </li>
<li> A/C Package </li>
<li> Operating Systems </li>
<li> OOPS using C++ </li>
<li> A/C Package LAB </li>
<li> OOPS using C++ Lab </li>
</ul>

<font face="lucida handwriting" size="4" color="red">
<li> Semester IV </li>
<ol type="i">
```

```

<li> English </li>
<li> Language </li>
<li> Visual Programming </li>
<li> Unix Programming </li>
<li> Operational Research</li>
<li> Visual Programming Lab</li>
<li> Unix Programming Lab</li>
</ol>
</font>

```

```

<li> Semester V</li>
<ul >
<li> Data Communication Networks </li>
<li> Software Engineering </li>
<li> Computer Architecture </li>
<li> Java Programming</li>
<li> Assembly Language Programming</li>
<li> Java Programming Lab</li>
<li> Assembly Lanaguage Programming Lab</li>
<li> Project Lab</li>
</ul>

```

```

<li> Semester VI</li>
<ul ><li> Cryptography and Network Security</li>
<li> Theory of Computation</li>
<li> Web Programming</li>
<li> System Programming</li>
<li> web programming Lab</li>
<li> Project Lab</li>

```

```

</ul>
<ol>

```

```

</body>
</html>

```

**2. Write a program to create timetable of your class using table tags.**

```

<html>
<head>
<title>
Time table of VI BCA
<link rel="shortcut icon" href="search.jpg">
</title>
<head>
<body bgcolor="green" text="white">

```

```

<center>

```

```

<table border="10" cellspacing="5" cellpadding="10">
<tr>
<td background="search.jpg" width="140" height="90"></td>
<td colspan="9" bgcolor="white" align="center"><font face="Ariel" size="7" color="darkblue">Time
Table for VI BCA</font></td>
</tr>
<tr>

<th>DAY</th>
<th>8:45 to 9:35</th>
<th>9:35 to 10:25 </th>
<th>10:25 to 11:15 </th>
<th>11:15 to 11:30 </th>
<th>11:30 to 12:20 </th>
<th>12:20 to 1:10 </th>
<th>1:10 to 1:50 </th>
<th>1:50 to 2:40 </th>
<th>2:40 to 3:30</th>
</tr>
<tr>
<td>Monday</td>
<td>Web Programming</td>
<td>SP</td>
<td>SoftSkills</td>
<td rowspan="2" align="center">Break</td>
<td>Cryptography</td>
<td colspan="4" align="center">Web Programming Lab</td></tr>

<tr>
<td>Tuesday</td>
<td>SP</td>
<td>Web Programming</td>
<td>SoftSkills</td>
<td>TOC</td>
<td>Web Programming</td>
<td rowspan="6">Lunch Break</td>
<td colspan="2" rowspan="7" align="center">Holiday</td>
</tr>

<tr>
<td>Wednesday</td>
<td>TOC</td>
<td>Cryptography</td>
<td colspan="3" align="center">Project Lab</td>
</tr>

<tr>
<td>Thursday</td>
<td>Cryptography</td>
<td>TOC</td>

```

```

<td colspan="4" align="center">Project Lab</td>
</tr>

<tr>
<td>Friday</td>
<td colspan="3" align="center">Web Programming Lab</td>
<td rowspan="2" align="center">Break</td>
<td>TOC</td>
<td>Cryptography</td>
</tr>

<tr>
<td>Saturday</td>
<td>SP</td>
<td>Web Programming</td>
<td>Cryptography</td>
<td colspan="2" align="center">Project Lab</td>
</tr>
</table>
</center>
</body>
</html>

```

### 3.Program to create the form elements.

```

<html>
<head>
<title>
FORM and Form Elements</title>
<script>
function formdata(ja)
{

document.write("your name   :"+ja.username.value+"</br>");
document.write("your Email id :"+ja.email.value+"</br>");
document.write("your Address :"+ja.address.value+"</br>");
document.write("Gender     :"+ja.gender.value+"</br>");

document.write("Languages known :");

for( var i in ja.language)
{
if (ja.language[i].checked)
{
document.write(ja.language[i].value+", ");
}
}
document.write("</br>");
document.write("course completed :"+ja.course.value+"</br>");
document.write("resume file   :"+ja.Resume.value+"</br>");

```



```

}
</script>
</head>
<body>
<form name="jobapp">

<label> Name: </label>
<input type="text" name="username" value="" size="25" maxlength="50"/>
<br/>
<label> Email ID: </label>
<input type="text" name="email" value="">
<br/>
<label> address: </label>
<textarea name="address" rows="6" cols="25">
pls enter your address
</textarea>
<br/>
<label> Gender: </label>
<label><input type="radio" name="gender" value="Male"/>Male</label><br/>
<label><input type="radio" name="gender" value="FeMale"/>FeMale</label><br/>
<br/>
<label>What are the Languages you can speak </label>
<label><input type="checkbox" name="language" value="Hindi"/>Hindi</label><br/>
<label><input type="checkbox" name="language" value="Tamil"/>Tamil</label><br/>
<label><input type="checkbox" name="language" value="Telugu"/>Telugu</label><br/>
<label><input type="checkbox" name="language" value="Kannada"/>Kannada</label><br/>
<label><input type="checkbox" name="language" value="Malayalam"/>Malayalam</label><br/>
<br/>
<label> Your Qualification </label>
<select name="course">
<option selected="selected" value=""> select course</option>
<option value="BCA"> BCA</option>
<option value="BCom"> BCom</option>
<option value="BBA"> BBA</option>
<option value="BSc"> BSc</option>
<option value="BA"> BA</option>
<option value="MCA"> MCA</option>
<option value="MCom"> MCom</option>
<option value="MBA"> MBA</option>
<option value="MSc"> MSc</option>
<option value="MA"> MA</option>
</select>
<br/>
<label> Resume Upload</label>
<input type="file" name="Resume"/>
<br/>
<input type="submit" name="submit" value="Submit" onclick="formdata(jobapp)"/>
<input type="reset" name="reset" value="Reset"/>
</body>

```

</html>

#### 4. Write a JavaScript code to find factorial of N. (Use recursive function)

```
<?xml version="1.0" encoding="ISO.8859.1"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<title>Factorial of a Natural</title>
<script type="text/javascript">

function findFactorial(){
    var num=window.prompt("Enter the value of N");
    var n=parseInt(num);
    window.alert("Factorial of "+n+" is: "+fact(n));
}

function fact(n){
    if(n==0)
        return 1;
    else
        return(n*fact(n-1));
}
</script>
</head>
<body bgcolor="darkblue" text="white">
    <h1 align="center">Factorial of a Number</h1>
    <hr>
    <center> <form>
        <input type="button" value="Find Factorial of a Number" onclick="findFactorial()"/>
    </form></center>
</body>
</html>
```

#### 5. Case Conversion

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
    <title>Case Conversion</title>
    <head>
        <script type="text/javascript">
            function toUpper(){
                document.getElementById("name").value=document.getElementById("name").value.toUpperCase();
            }
            function toLower(){
                document.getElementById("name").value=document.getElementById("name").value.toLowerCase();
            }
        </script>
    </head>
    <body>
        <div>
            <input type="text" id="name" value="Enter text to convert"/>
            <input type="button" value="Uppercase" onclick="toUpper()"/>
            <input type="button" value="Lowercase" onclick="toLower()"/>
        </div>
    </body>
</html>
```

```

    }
    </script>
</head>
<body bgcolor="green" text="black">
<center><h1>CASE CONVERSION </h1></center>
<hr/>

    <form>
        <h1>Enter Your Name:<input type="text" id="name" size="50"/></h1><br/><br/>
        <input type="button" value="Convert to Upper" onclick="toUpper()"/>
        <input type="button" value="Convert to Lower" onclick="toLower()"/>
    </form>
</body>
</html>

```

## 6.Navigation Object

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
    <head>
        <title> Navigator Object </title>
        <script type="text/javascript">
            function showProperties()
            {
                alert("The name of the browser is:"+navigator.appname+"\n" + "The version of the browser
is:"+navigator.appVersion+"\n" + "The platform of the client is:"+navigator.platform);
            }
        </script>
    </head>
    <body>
        <form id="myform">
            <input type="button" value="Click here" onclick="showProperties()"/>
        </form>
    </body>
</html>

```

## 7.Mouse Pointer

```

<head>
<title>Mouse Positions</title>
<script type="text/javascript">
function findMousePositions(evt){
    document.getElementById("showXY").value=
        "Client X="+evt.clientX+
        "Client Y="+evt.clientY+
        "Screen X="+evt.screenX+
        "Screen Y="+evt.screenY;
    }
</script>

```



```

</head>
<body onmousemove="findMousePositions(event)">
<form>
Mouse Positions are:<input type="text" id="showXY" size="50"/>
</form>

```

```

</body>
</html>

```

## 8.Movement of Elements

```

<head>
<title>Movement of Elements</title>
<style type="text/css">
#movable{
    position:absolute;
}

</style>
<script type="text/javascript">
var x=5;
var y=5;
var d_x=600;
var d_y=600;
var interval=10;
function moveImage(){
    if(x<d_x)x=x+interval;
    if(y<d_y)y=y+interval;
    document.getElementById("movable").style.top=y+'px';
    document.getElementById("movable").style.left=x+'px';
    if((x+interval < d_x)&& (y+interval<d_y)){
        window.setTimeout("moveImage()",100);
    }
}
</script>
</head>
<body onLoad="moveImage()">
<div id="movable">
</div>

</body>
</html>

```