

Experiment 3

Aim:

a) Develop and demonstrate, using Javascript script, a XHTML document that contains three short paragraphs of text, stacked on top of each other, with only enough of each showing so that the mouse cursor can be placed over some part of them. When the cursor is placed over the exposed part of any paragraph, it should rise to the top to become completely visible.

b) Modify the above document so that when a paragraph is moved from the top stacking position, it returns to its original position rather than to the bottom.

CSS:

```
p{
    padding:10px;
    border: solid thick;
    max-width:250px;
    max-height:250px;
}
.p1{
    position:absolute;
    top:50px;
    left:50px;
    background-color:red;
}
.p2{
    position:absolute;
    top:100px;
    left:100px;
    background-color:green;
}
.p3{
    position:absolute;
    top:150px;
    left:150px;
    background-color:blue;
}
```

Code 1: 3a.css

XHTML:

```
<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE html PUBLIC "-//w3c//dtd/xhtml11/en"
"http://www.w3.org/tr/xhtml11/dtd/xhtml11.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
  <head><title>Stacking</title>
    <link rel="stylesheet" type="text/css" href="3a.css"/>
    <script type="text/javascript">
      var topLayer="layer3";
      function moveTop(toTop)
      {
        var oldTop=document.getElementById(topLayer).style;
        var newTop=document.getElementById(toTop).style;
        oldTop.zIndex='0';
        newTop.zIndex='1';
        topLayer=toTop;
      }
    </script>
  </head>
  <body>
    <p class="p1" id="layer1" onmouseover="moveTop('layer1')">Bulbasaur Ivysaur
    Venusaur Charmander Charmeleon Charizard Squirtle Wartortle Blastoise Caterpie Metapod
    Butterfree Weedle Kakuna Beedrill Pidgey Pidgeotto Pidgeot Rattata Raticate Spearow
    Fearow Ekans Arbok Pikachu Raichu Sandshrew Sandslash Nidoran Nidorina</p>

    <p class="p2" id="layer2" onmouseover="moveTop('layer2')">Chikorita Bayleef
    Meganium Cyndaquil Quilava Typhlosion Totodile Croconaw Feraligatr Sentret Furret
    Hoothoot Noctowl Ledyba Ledian Spinarak Ariados Crobat Chinchou Lanturn Pichu Cleffa
    Igglybuff Togepi Togetic Natu Xatu Mareep Flaaffy</p>

    <p class="p3" id="layer3" onmouseover="moveTop('layer3')">Treecko Grovyle
    Sceptile Torchic Combusken Blaziken Mudkip Marshtomp Swampert Poochyena Mightyena
    Zigzagoon Linoone Wurmple Silcoon Beautifly Cascoon Dustox Lotad Lombre Ludicolo Seedot
    Nuzleaf Shiftry Taillow Swellow Wingull Pelipper Ralts Kirlia</p>

  </body>
</html>
```

Code 2: 3a.html

XHTML:

```

<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE html PUBLIC "-//w3c//dtd/xhtml11/en"
"http://www.w3.org/tr/xhtml11/dtd/xhtml11.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <title>Stacking</title>
    <link rel="stylesheet" type="text/css" href="3a.css"/>
    <script type="text/javascript">
      function moveTop(toTop)
      {
        document.getElementById(toTop).style.zIndex='100';
      }
      function restore()
      {
        document.getElementById("p1").style.zIndex='10';
        document.getElementById("p2").style.zIndex='20';
        document.getElementById("p3").style.zIndex='30';
      }
    </script>
  </head>
  <body>
    <p id="p1" onmouseover="moveTop('p1')" onmouseout="restore()">Bulbasaur
    Ivysaur Venusaur Charmander Charmeleon Charizard Squirtle Wartortle Blastoise Caterpie
    Metapod Butterfree Weedle Kakuna Beedrill Pidgey Pidgeotto Pidgeot Rattata Raticate
    Spearow Fearow Ekans Arbok Pikachu Raichu Sandshrew Sandslash Nidoran Nidorina</p>
    <p id="p2" onmouseover="moveTop('p2')" onmouseout="restore()">Chikorita
    Bayleef Meganium Cyndaquil Quilava Typhlosion Totodile Croconaw Feraligatr Sentret
    Furret Hoothoot Noctowl Ledyba Ledian Spinarak Ariados Crobat Chinchou Lanturn Pichu
    Cleffa Igglybuff Togepi Togetic Natu Xatu Mareep Flaaffy</p>
    <p id="p3" onmouseover="moveTop('p3')" onmouseout="restore()">Treecko
    Grovyle Sceptile Torchic Combusken Blaziken Mudkip Marshtomp Swampert Poochyena
    Mightyena Zigzagoon Linoone Wurmple Silcoon Beautifly Cascoon Dustox Lotad Lombre
    Ludicolo Seedot Nuzleaf Shiftry Tailow Swellow Wingull Pelipper Ralts Kirlia</p>
  </body>
</html>

```

Output:

