

## 15game.html

```
<html>
<head>
<style type="text/css">
  .btn { width: 100px; height: 100px; font-size: 48pt; }
  .center { text-align: center; }
</style>
<script type="text/javascript">
  var is = 4, js = 4;
  function f(str) {
    var i, j;
    i = str.charAt(3);
    j = str.charAt(4);
    if(((i == is) && Math.abs(j - js) == 1) || ((j == js) && Math.abs(i - is) == 1)) {
      document.getElementById("btn"+is+js).value = document.getElementById("btn"+i+j).value;
      document.getElementById("btn"+i+j).value = " ";
      is = i;
      js = j;
    }
  }
  window.onload = function() {
    var r1, r2, id1, id2, wk, n;
    for(n = 1; n <= 20; n++) {
      r1 = Math.ceil(Math.random()*4);
      r2 = Math.ceil(Math.random()*4);
      if(r1 == 4 && r2 == 4) continue;
      id1 = "btn" + r1 + r2;
      r1 = Math.ceil(Math.random()*4);
      r2 = Math.ceil(Math.random()*4);
      if(r1 == 4 && r2 == 4) continue;
      id2 = "btn" + r1 + r2;
      wk = document.getElementById(id1).value;
      document.getElementById(id1).value = document.getElementById(id2).value;
      document.getElementById(id2).value = wk;
    }
  }
</script>
<title>15 ゲーム</title>
</head>
<body>
<div class="center">
<h1>Fifteen Game</h1>
<p><input type="button" id="btn11" value="1" class="btn" onclick="f(this.id)">
  <input type="button" id="btn12" value="2" class="btn" onclick="f(this.id)">
  <input type="button" id="btn13" value="3" class="btn" onclick="f(this.id)">
  <input type="button" id="btn14" value="4" class="btn" onclick="f(this.id)"></p>
<p><input type="button" id="btn21" value="5" class="btn" onclick="f(this.id)">
  <input type="button" id="btn22" value="6" class="btn" onclick="f(this.id)">
  <input type="button" id="btn23" value="7" class="btn" onclick="f(this.id)">
  <input type="button" id="btn24" value="8" class="btn" onclick="f(this.id)"></p>
<p><input type="button" id="btn31" value="9" class="btn" onclick="f(this.id)">
  <input type="button" id="btn32" value="10" class="btn" onclick="f(this.id)">
  <input type="button" id="btn33" value="11" class="btn" onclick="f(this.id)">
  <input type="button" id="btn34" value="12" class="btn" onclick="f(this.id)"></p>
<p><input type="button" id="btn41" value="13" class="btn" onclick="f(this.id)">
  <input type="button" id="btn42" value="14" class="btn" onclick="f(this.id)">
  <input type="button" id="btn43" value="15" class="btn" onclick="f(this.id)">
  <input type="button" id="btn44" value=" " class="btn" onclick="f(this.id)"></p>
</div>
</body>
</html>
```