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| 2021\_1\_WEB\_12\_과제 | 학번 : | 20165164 | 이름 : | 지현한 |

* 12주 수업자료에서 아래에 제시한 예제를 실행하여 소스와 결과를 제출

1. 슬라이드 번호 4

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| [소스]  <!DOCTYPE html>  <html>  <head>  </head>  <script>      window.onload = function () {          let mouse = document.querySelector('span');          let el = document.querySelector('div');          let scale = 1, width = 1;          let down = () => { mouse.style.fontSize = '20px'; }          let up = () => { mouse.style.fontSize = '16px'; }          let over = () => { mouse.style.backgroundColor = 'violet'; }          let out = () => { mouse.style.backgroundColor = "white"; }          let mwheel = () => {              if (event.wheelDelta < 0) {                  width--; // 폭 1 감소                  if (width < 0) width = 0;              }              else                  width++;              el.style.borderStyle = "ridge";              el.style.borderWidth = width + "px";              el.style.borderColor = 'blue';          }          mouse.addEventListener('mousedown', down);          mouse.addEventListener('mouseup', up);          mouse.addEventListener('mouseover', over);          mouse.addEventListener('mouseout', out);          el.addEventListener('wheel', mwheel);      }  </script>  <body>      <h3>마우스 관련 이벤트 리스너</h3>      <hr>      <div>마우스 관련          <span>이벤트</span>가 발생합니다.      </div>  </body>  </html> |
| [실행결과] |

1. 슬라이드 번호 8

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| [소스]  <!DOCTYPE html>  <html>  <head>      <title>onload로 이미지 크기 출력</title>      <script>          function changeImage() {              const sel = document.getElementById("sel");              const img = document.getElementById("myImg");              img.onload = function () {                  const mySpan = document.getElementById("mySpan");                  mySpan.innerHTML = img.width + "x" + img.height;              }              const index = sel.selectedIndex;              img.src = sel.options[index].value;          }      </script>  </head>  <body>      <form>          <select id="sel" onchange="changeImage()">              <option value=" "> === 선택하세요 ===</option>              <option value="image/flow1.jpg">사진1</option>              <option value="image/flow2.jpg">사진2</option>              <option value="image/flow3.jpg">사진3</option>              <option value="image/flow4.jpg">사진4</option>          </select>          <span id="mySpan">이미지 크기</span>      </form>      <p><img id="myImg" src="image/flow5.jpg" alt="."></p>  </body>  </html> |
| [실행결과] |

1. 슬라이드 번호 10

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| [소스]  <!DOCTYPE html>  <html>  <script>      window.onload = function () {          const images = document.querySelector('#myimg');          const files = ["image/flow1.jpg", "image/flow2.jpg", "image/flow3.jpg", "image/flow4.jpg",              "image/flow5.jpg", "image/flow6.jpg", "image/flow7.jpg"];          const imgs = new Array();          for (let i = 0; i < files.length; i++) {              imgs[i] = new Image();              imgs[i].src = files[i];          }          let next = 1;          images.onclick = function () {              images.src = imgs[next++].src;              next %= imgs.length;          };      }  </script>  </head>  <body>      <h3>new Image()로 이미지 로딩</h3><hr>      이미지를 클릭하면 다음 이미지를 보여줍니다.<p>      <img id="myimg" src="image/flow1.jpg" alt=".">  </body>  </html> |
| [실행결과] |

1. 슬라이드 번호 12

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| [소스]  <!DOCTYPE html>  <html>  <head>      <title>onfocus와 onblur</title>      <script>          window.onload = function () {              function checkFilled() {                  if (this.value == '') {                      alert('enter name!');                      setTimeout(function () { name.focus(); }, 10);                  }              }              const name = document.getElementById('name');              name.focus(); name.onblur = checkFilled;          }      </script>  </head>  <body>      <h3>onfocus와 onblur</h3>      <hr>      <p>이름을 입력하지 않고 다른 창으로 이동할 수 없습니다.</p>      <form>          이름 <input type="text" id="name">          <p></p>          학번 <input type="text">      </form>  </body>  </html> |
| [실행결과] |

1. 슬라이드 번호 14

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| [소스]  <!DOCTYPE html>  <html>  <head>      <title>선택된 라디오버튼 알아내기</title>      <script>          function findChecked() {              let found = null;              let kcity = document.getElementsByName("city");              for (let i = 0; i < kcity.length; i++) {                  if (kcity[i].checked == true) found = kcity[i];              }              if (found != null) alert(found.value + "이 선택되었음");              else alert("선택된 것이 없음");          }          window.onload = function () {              let btn = document.querySelector('input[type=button]');              btn.addEventListener('click', findChecked);          }      </script>  </head>  <body>      <form>          <input type="radio" name="city" value="seoul" checked>서울          <input type="radio" name="city" value="busan">부산          <input type="radio" name="city" value="chunchen">춘천          <input type="button" value="find checked">      </form>  </body>  </html> |
| [실행결과] |

1. 슬라이드 번호 15

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| [소스]  <!DOCTYPE html>  <html>  <head>      <script>          let calc = (function () {              let sum = 0;              return function () {                  if (this.checked) sum += parseInt(this.value);                  else sum -= parseInt(this.value);                  document.getElementById("sumtext").value = sum;              }          })();          window.onload = function () {              const query = 'input[type=checkbox]';              const chbox = document.querySelectorAll(query);              chbox.forEach((el) => {                  el.addEventListener('click', calc);              });          }      </script>  </head>  <body>      <form> 1) 모자 1만원 <input type="checkbox" value="10000"><br>          2) 구두 3만원 <input type="checkbox" value="30000"><br>          3) 가방 8만원 <input type="checkbox" value="80000"><br>          4) 신발 5만원 <input type="checkbox" value="50000"><br>          지불하실 금액 <input type="text" id="sumtext" value="0"> <input type="reset" value=" 취소 ">      </form>  </body>  </html> |
| [실행결과] |

1. 슬라이드 번호 24

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| [소스]  <!DOCTYPE html>  <html>  <head>  </head>  <body>      <h3>텍스트가 자동 회전하며, 마우스로 클릭하면 중단합니다.</h3>      <hr>      <div><span id="span" style="background-color:yellow">              자동 회전하는 텍스트입니다.</span>      </div>      <script>          let span = document.getElementById("span");          let timerID = setInterval("doRotate()", 200);          span.onclick = function (e) {              clearInterval(timerID);          }          function doRotate() {              let str = span.innerHTML;              let firstChar = str.substr(0, 1);              let remains = str.substr(1, str.length - 1);              str = remains + firstChar;              span.innerHTML = str;          }      </script>  </body>  </html> |
| [실행결과] |