

HTML Extension

(Placed at the beginning of each Question Page)

```
<script>
```

```
function evaluateAnswer() {
```

```
    var AnswerPassed = VarPassAnswer.getValue(); // Check Which Generic Box was Clicked
    var AssignItem = "VarJSAnswer" + (AnswerPassed-1);
    var itemNumber = eval(AssignItem).getValue(); // Which Answer Are We Looking At
    var AnswerAssignment = "Var100_D1_A1_" + itemNumber;
    var chStatus = eval(AnswerAssignment).getValue();
```

```
    if (chStatus == 0) {
        eval(AnswerAssignment).set(1);
    } else {
        eval(AnswerAssignment).set(0);
    }
}
```

```
function evaluateRadioAnswer() {
```

```
    var AnswerPassed = VarPassAnswer.getValue(); // Check Which Generic Box was Clicked
    var AssignItem = "VarJSAnswer" + (AnswerPassed-1);
    var itemNumber = eval(AssignItem).getValue(); // Which Answer Are We Looking At
    var AnswerAssignment = "Var100_D1_A1_" + itemNumber;
    var chStatus = eval(AnswerAssignment).getValue();
```

```
var numAnswers = 9;    This is where you set the number of answers
```

```
for (i = 1; i < numAnswers+1; i++) {
```

```
    var AnswerAssignment2 = "Var100_D1_A1_" + i;
    if (i != itemNumber){
        eval(AnswerAssignment2).set(0);
    }
}
```

```
eval(AnswerAssignment).set(1);
```

```

}
</script>
```

Initial JS Action

(To be added on every question page)

```
var numAnswers = 9;    This is where you set the number of answers
```

```
// Generate Random Numbers
```

```
var arr = []
while(arr.length < numAnswers){
  var randomnumber = Math.ceil(Math.random()*numAnswers)
  if(arr.indexOf(randomnumber) > -1) continue;
  arr[arr.length] = randomnumber;
}
```

```
////////////////////////////////////
```

```
// Change your Answer Text to display here //
```

```
var answerText1 = "This is sample answer text for Answer 1"
var answerText2 = "This is sample answer text for Answer 2"
var answerText3 = "This is sample answer text for Answer 3"
var answerText4 = "This is sample answer text for Answer 4"
var answerText5 = "This is sample answer text for Answer 5"
var answerText6 = "This is sample answer text for Answer 6"
var answerText7 = "This is sample answer text for Answer 7"
var answerText8 = "This is sample answer text for Answer 8"
var answerText9 = "This is sample answer text for Answer 9"
```

This is where you place the actual answer text for each question.

```
////////////////////////////////////
```

```
// Assign Random numbers generated to associated Answer numbers
```

```
var answerString = "answerText";
```

```
var TextItem1 = eval("answerString+arr[0]");
var TextItem2 = eval("answerString+arr[1]");
var TextItem3 = eval("answerString+arr[2]");
var TextItem4 = eval("answerString+arr[3]");
var TextItem5 = eval("answerString+arr[4]");
var TextItem6 = eval("answerString+arr[5]");
var TextItem7 = eval("answerString+arr[6]");
var TextItem8 = eval("answerString+arr[7]");
var TextItem9 = eval("answerString+arr[8]");
```

This is where you keep only the number of answers you have for the current question. (Remember it starts with 0 so the final number will be 1 less than your number.)

```
////////////////////////////////////
```

```
// Pass Debug Variables to Lectora //////////////////////////////////
```

```
VarJSAnswer0.set(arr[0]);  
VarJSAnswer1.set(arr[1]);  
VarJSAnswer2.set(arr[2]);  
VarJSAnswer3.set(arr[3]);  
VarJSAnswer4.set(arr[4]);  
VarJSAnswer5.set(arr[5]);  
VarJSAnswer6.set(arr[6]);  
VarJSAnswer7.set(arr[7]);  
VarJSAnswer8.set(arr[8]);
```

This is where you keep only the number of answers you have for the current question. (Remember it starts with 0 so the final number will be 1 less than your number.)

```
// Pass Final Variables to Lectora //////////////////////////////////
```

```
VarAnswerTextBox0.set(eval(TextItem1));  
VarAnswerTextBox1.set(eval(TextItem2));  
VarAnswerTextBox2.set(eval(TextItem3));  
VarAnswerTextBox3.set(eval(TextItem4));  
VarAnswerTextBox4.set(eval(TextItem5));  
VarAnswerTextBox5.set(eval(TextItem6));  
VarAnswerTextBox6.set(eval(TextItem7));  
VarAnswerTextBox7.set(eval(TextItem8));  
VarAnswerTextBox8.set(eval(TextItem9));
```

This is where we are passing text elements back to Lectora. Use only the same number as you have answers for the current question.

Question Text Block

For each text box, store dummy initial text.

Then OnShowChange add action to update the text box content (variable) with the updated variable *(which is updated via JavaScript on page load)*.



Check Box Answers

- Modify Variable PassAnswer to the number of your generic answer placement (in order 1-n).
- OnSelect Run JS -> simply calls function evaluateAnswer() which is defined in the HTML Extension Script

At completion, answer variables (100_D1_A1_1 n) will all be stored for this question.

Radio Button Answers

- Same procedure as Check Box Answers with the exception of calling evaluateRadioAnswer() instead of evaluateAnswer().

Force Elements to be removed/added to the screen to meet accessibility standards with CSS turned off

```
<script>
    function setButtonVariables(){
        var NextButton;
        window.NextButton = document.getElementById("image482247");
        var NextButtonHold;
        window.NextButtonHold =
document.getElementById("image482247").innerHTML;
        var NextButtonHold2;
        window.NextButtonHold2 =
document.getElementById("image482247").outerHTML;
    }

    function removeNext(){
        NextButton.innerHTML="";
        NextButton.style.left = -500;
    }

    function addNext(){
        //NextButton.innerHTML = window.NextButtonHold;
        NextButton.innerHTML = "<a name='image482247anc'
id='image482247anc' href='javascript:image482247.up()'><img
name='image482247Img' id='image482247Img' src='images/next_u.png'
onmouseover='this.src=\"images/next_o.png\"' onmouseout='this.src=\"images/
next_u.png\"' style='\"position:absolute; z-index:1;\" /></a>";
        NextButton.style.left = 540;
    }
</script>
```

```
<script>
    function setDocVariables(){
        var Doc2Button;
```

```
    window.Doc2Button = document.getElementById("image486782");  
    var Doc3Button;  
    window.Doc3Button = document.getElementById("image486773");  
    var Doc4Button;  
    window.Doc4Button = document.getElementById("image651379");  
    var Doc5Button;  
    window.Doc5Button = document.getElementById("image651393");  
}
```

```
function removeDoc(removalNumber){  
    switch(removalNumber){  
        case 2:  
            Doc2Button.innerHTML="";  
            Doc2Button.style.left = -500;  
            break;  
        case 3:  
            Doc3Button.innerHTML="";  
            Doc3Button.style.left = -500;  
            break;  
        case 4:  
            Doc4Button.innerHTML="";  
            Doc4Button.style.left = -500;  
            break;  
        case 5:  
            Doc5Button.innerHTML="";  
            Doc5Button.style.left = -500;  
            break;  
        default:  
    }  
}
```

```
</script>
```

Methods for course conversation history

<script>

////////// Initialize and Show Conversation History //////////

```
function JessicahistoryInit(){
    // Reset JessicaConvo box ... empty
    var JessicaConvo = "";
    // Get Total Number of Convo Lines
    var JessTotalConvLines =
Number(VarTotalJessConvLines.getValue());

    // Get List Order
    var JessConvHistNum1 = VarConvListJess1.getValue();
    var JessConvHistNum2 = VarConvListJess2.getValue();
    var JessConvHistNum3 = VarConvListJess3.getValue();
    var JessConvHistNum4 = VarConvListJess4.getValue();
    var JessConvHistNum5 = VarConvListJess5.getValue();
    var JessConvHistNum6 = VarConvListJess6.getValue();
    var JessConvHistNum7 = VarConvListJess7.getValue();
    var JessConvHistNum8 = VarConvListJess8.getValue();
    var JessConvHistNum9 = VarConvListJess9.getValue();
    var JessConvHistNum10 = VarConvListJess10.getValue();
    var JessConvHistNum11 = VarConvListJess11.getValue();
    var JessConvHistNum12 = VarConvListJess12.getValue();
    var JessConvHistNum13 = VarConvListJess13.getValue();
    var JessConvHistNum14 = VarConvListJess14.getValue();
    var JessConvHistNum15 = VarConvListJess15.getValue();
    var JessConvHistNum16 = VarConvListJess16.getValue();
    var JessConvHistNum17 = VarConvListJess17.getValue();
    var JessConvHistNum18 = VarConvListJess18.getValue();
    var JessConvHistNum19 = VarConvListJess19.getValue();
    var JessConvHistNum20 = VarConvListJess20.getValue();
    var JessConvHistNum21 = VarConvListJess21.getValue();
    var JessConvHistNum22 = VarConvListJess22.getValue();
    var JessConvHistNum23 = VarConvListJess23.getValue();
    var JessConvHistNum24 = VarConvListJess24.getValue();
    var JessConvHistNum25 = VarConvListJess25.getValue();
    var JessConvHistNum26 = VarConvListJess26.getValue();
    var JessConvHistNum27 = VarConvListJess27.getValue();
    var JessConvHistNum28 = VarConvListJess28.getValue();
    var JessConvHistNum29 = VarConvListJess29.getValue();
    var JessConvHistNum30 = VarConvListJess30.getValue();
    // Get Actual Text
    var TextPass1 = VarConvJess1.getValue();
    var TextPass2 = VarConvJess2.getValue();
```

```

var TextPass3 = VarConvJess3.getValue();
var TextPass4 = VarConvJess4.getValue();
var TextPass5 = VarConvJess5.getValue();
var TextPass6 = VarConvJess6.getValue();
var TextPass7 = VarConvJess7.getValue();
var TextPass8 = VarConvJess8.getValue();
var TextPass9 = VarConvJess9.getValue();
var TextPass10 = VarConvJess10.getValue();
var TextPass11 = VarConvJess11.getValue();
var TextPass12 = VarConvJess12.getValue();
var TextPass13 = VarConvJess13.getValue();
var TextPass14 = VarConvJess14.getValue();
var TextPass15 = VarConvJess15.getValue();
var TextPass16 = VarConvJess16.getValue();
var TextPass17 = VarConvJess17.getValue();
var TextPass18 = VarConvJess18.getValue();
var TextPass19 = VarConvJess19.getValue();
var TextPass20 = VarConvJess20.getValue();
var TextPass21 = VarConvJess21.getValue();
var TextPass22 = VarConvJess22.getValue();
var TextPass23 = VarConvJess23.getValue();
var TextPass24 = VarConvJess24.getValue();
var TextPass25 = VarConvJess25.getValue();
var TextPass26 = VarConvJess26.getValue();
var TextPass27 = VarConvJess27.getValue();
var TextPass28 = VarConvJess28.getValue();
var TextPass29 = VarConvJess29.getValue();
var TextPass30 = VarConvJess30.getValue();

//alert("Total lines to show "+JessTotalConvLines);

    for(i=1; i<JessTotalConvLines+1; i++){
        var NumberToShow = eval("JessConvHistNum"+i);
//alert(NumberToShow);
        var ItemToShow = eval("TextPass"+NumberToShow);
//alert(ItemToShow);
        JessicaConvo += ItemToShow;
        JessicaConvo += "<br><br>";
    }
    Varconvo_Jessica.set(JessicaConvo);
}

function addToJessHistory(){
    var JessPlaceConv = VarConvPlacement.getValue();
    var JessTotalConvLines =
Number(VarTotalJessConvLines.getValue());
    var placementName = "VarConvListJess" +
JessTotalConvLines;

```

```
eval(placementName).set(JessPlaceConv);
```

```
}
```

```
</script>
```