<aura:component>

   <aura:attribute name="message" type="String" default=”This is just a sample message”/>

   <p>Hello {!v.message}</p>

</aura:component>

--------------------------------------------------------------------------------------------------------------------------------

<aura:component>

   <aura:attribute name="message" type="String" default=”This is just a sample message”/>

   <p>{!'Hello' + v.message}</p>

</aura:component>

--------------------------------------------------------------------------------------------------------------------------------

It illustrates how you define an attribute for a custom object, and how to access fields on a record.

<aura:component>

   <aura:attribute name="expense" type="Expense\_\_c"/>

   <p>Amount:

       <lightning:formattedNumber value="{!v.expense.Amount\_\_c}" style="currency"/>

   </p>

   <p>

       Client: {!v.expense.Client\_\_c}

   </p>

   <p>

       <lightning:input type="toggle"

                        label="Reimbursed?"

                        name="reimbursed"

                        checked="{!v.expense.Reimbursed\_\_c}" />

    </p>

   </aura:component>

This component has one attribute, **expense**, which is the custom object we created waaaay back at the start of this module. The component’s purpose is to display the details of an expense by referencing the field on the Expense\_\_c record, using the **{!v.expense.fieldName}** expression. We’re using the **<lightning:input>** component of **type="toggle"**, which is a checkbox in the form of a toggle

--------------------------------------------------------------------------------------------------------------------------------**Attributes and Expressions**

<aura:component>

   <aura:attribute name="messages" type="List"

   default="['You look nice today.',

            'Great weather we are having.',

            'How are you?',

            'I am fine']"/>

   <h1>Hello Playground</h1>

<br></br>

   <p>Silly fun with attributes and expressions.</p>

<br></br>

   <h2><b>List of Items</b></h2>

   <p> \*{!v.messages[0]}</p>

   <p> \*{!v.messages[1]}</p>

   <p> \*{!v.messages[2]}</p>

<br></br>

   <h2><b>List of Iterations</b></h2>

   <aura:iteration items="{!v.messages}" var="messages">

       <p> \*{!messages}</p>

   </aura:iteration>

<br></br>

   <h2>Conditional Expressions and Global Value Providers</h2>

   <aura:if isTrue="{!$Browser.isIPhone}">

           <p> {!v.messages[0]}</p>

   <aura:set attribute="else">

           <p> {!v.messages[1]}</p>

       </aura:set>

   </aura:if>

</aura:component>

--------------------------------------------------------------------------------------------------------------------------------

**Component**

<aura:component>

   <aura:attribute name="message" type="String" default="Please Choose one this"/>

   <p>Message of the day: {!v.message}</p>

   <div>

       <lightning:button label="You look nice today."/>

       <lightning:button label="Today is going to be a great day!"

           onclick="{!c.handleClick}"/>

   </div>

</aura:component>

**Controller……..**

({

   handleClick: function(component, event, helper) {

       var btnClicked = event.getSource();

       var btnMessage = btnClicked.get("v.label");

       component.set("v.message", btnMessage);

   }

})

--------------------------------------------------------------------------------------------------------------------------------

<aura:component >

   <ui:inputText label="First Name" placeholder="Enter your First Name" />

   <br></br>

   <ui:inputText label="Last Name" placeholder="Enter your Last Name"/>

   <ui:button label="Submit"/>

</aura:component>

**Controller……..**

**pending**

--------------------------------------------------------------------------------------------------------------------------------

<aura:component >

   <aura:attribute name="first" type="string"/>

   <aura:attribute name="last" type="string"/>

   <ui:inputText label="First Name" value="{!v.first}" updateon="keyup"/>

   <br></br>

   <ui:inputText label="Last Name" value="{!v.last}" updateon="keyup"/>

   <br></br>

   <ui:outputText value="{!v.first+' '+v.last}"/>

</aura:component>

--------------------------------------------------------------------------------------------------------------------------------

**Calling Server Side Controller Method Example**

**Apex Class**

public with sharing class SimpleServerSideController

{

   @AuraEnabled

   public static String serverEcho (String firstName)

   {

       return ('I got this message ' +firstName);

   }

}

**Lightning Component**

<aura:component controller="SimpleServerSideController">

   <aura:attribute name="firstName" type="String" default="Afghan Khair"/>

   <ui:button label="Call the Server" press="{!c.echo}"/>

</aura:component>

**Component Controller**

   ({

   "echo":function(cmp){

       var action=cmp.get("c.serverEcho");

       action.setParams({firstName: cmp.get("v.firstName")});

       action.setCallback (this, function(response){

         var state=response.getState();

           if(state==="SUCCESS"){

               alert("From the server:" +response.getReturnValue());

           }

           else if (state==="INCOMPLETE"){

           }

               else if (state==="ERROR")

               {

                 var errors=response.getError();

                   if (errors){

                       console.log("error "+errors);

                   }

               }

         });

       $A.enqueueAction(action);

   }

})

--------------------------------------------------------------------------------------------------------------------------------