WEEKLY ASSESSMENT – 3   D.SAI DAKSHESH
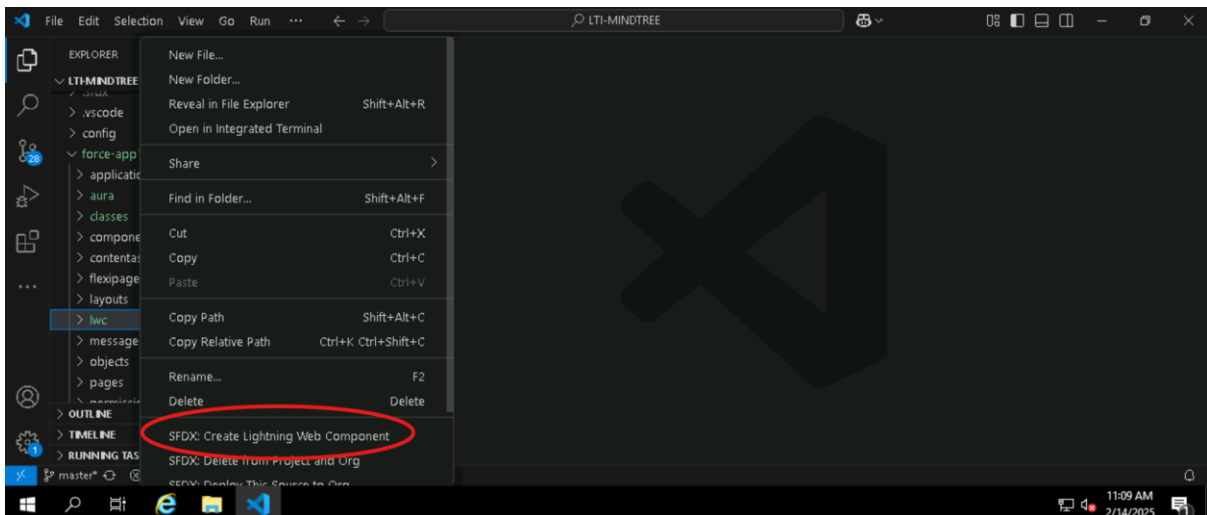10828647
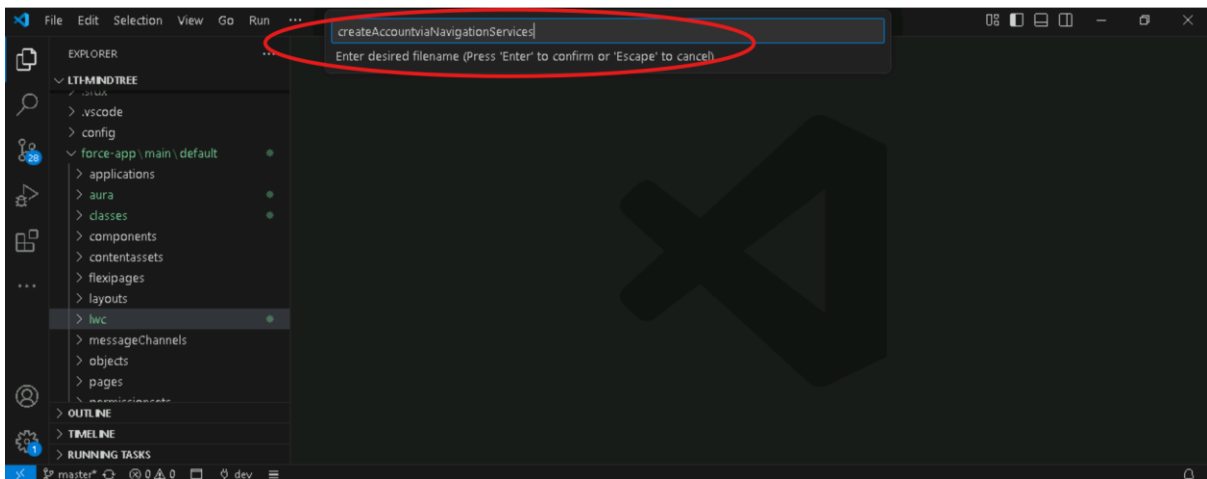Devarya.10828647@ltimindtree.com

SBQ-1:

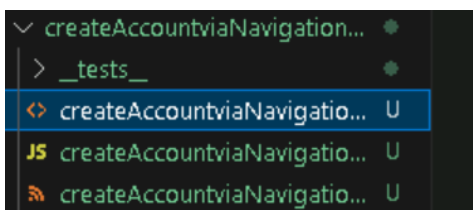Create a navigation services to open a Account new page

Solution:

➔ Open vscode and create a new lightning web component.

➔ Give name to the component as "createAccountviaNavigationServices".

➔ After creating we get the three files

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➔ In HTML we create a lightning card and give title as "**Creating Account via Navigation Services**" ,Create a lightning button and give a event handler " **onclick**" and give the jsmethod "**createNewAccount**".
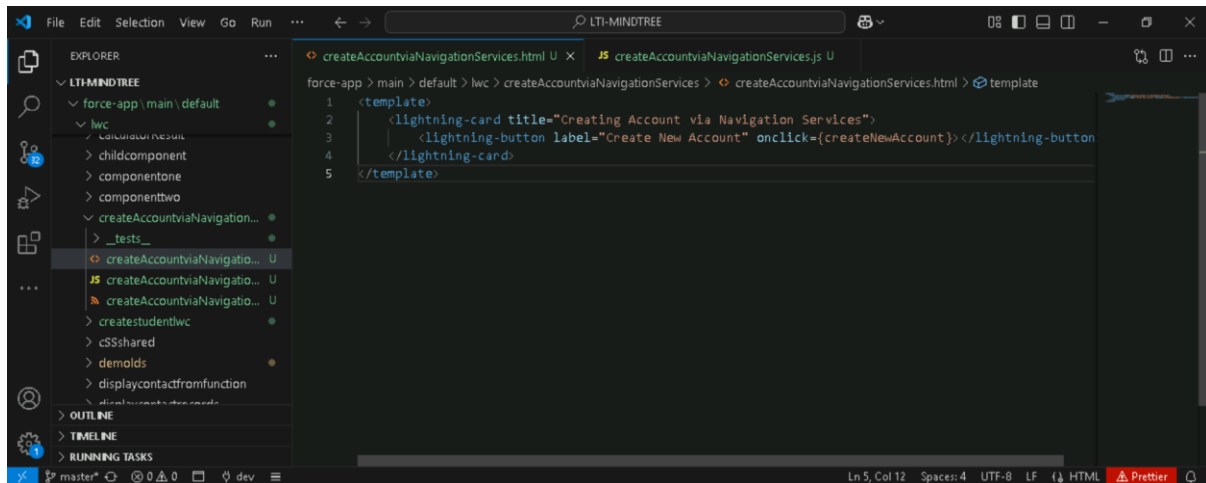
➔ In js first we import the navigationMixin from lightning/navigation for using the navigation services.

➔ Then we extends our class as navigationMixin.

➔ Then we create a method "**createNewAccount**" as mentioned in HTML

➔ We give type as "**standard_objectPage**" and set attributes ObjectApiName as "**Account**" and actionName as" **new** "so it navigates to new Account Creation page.
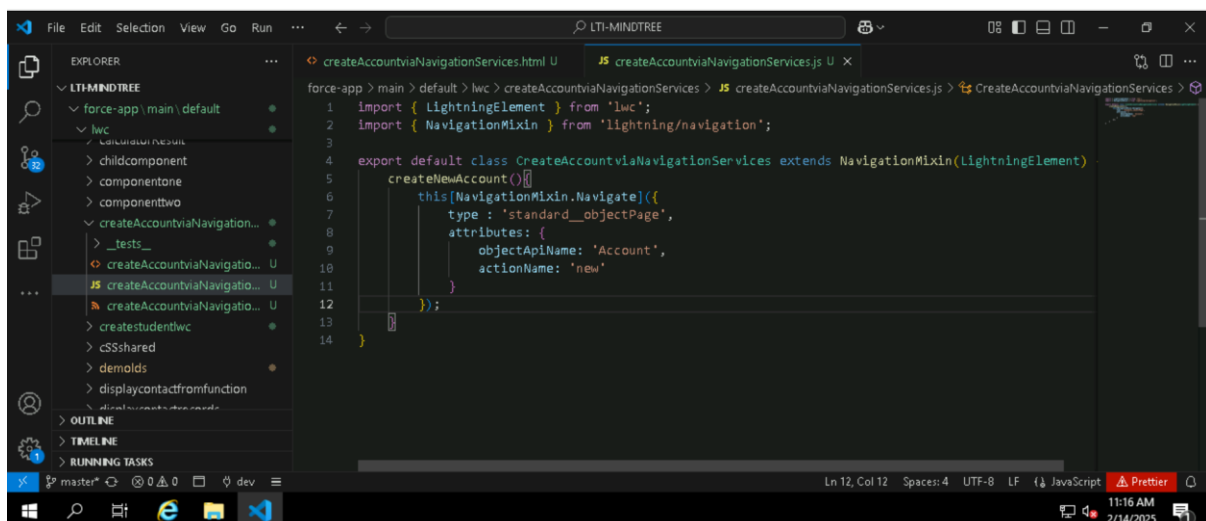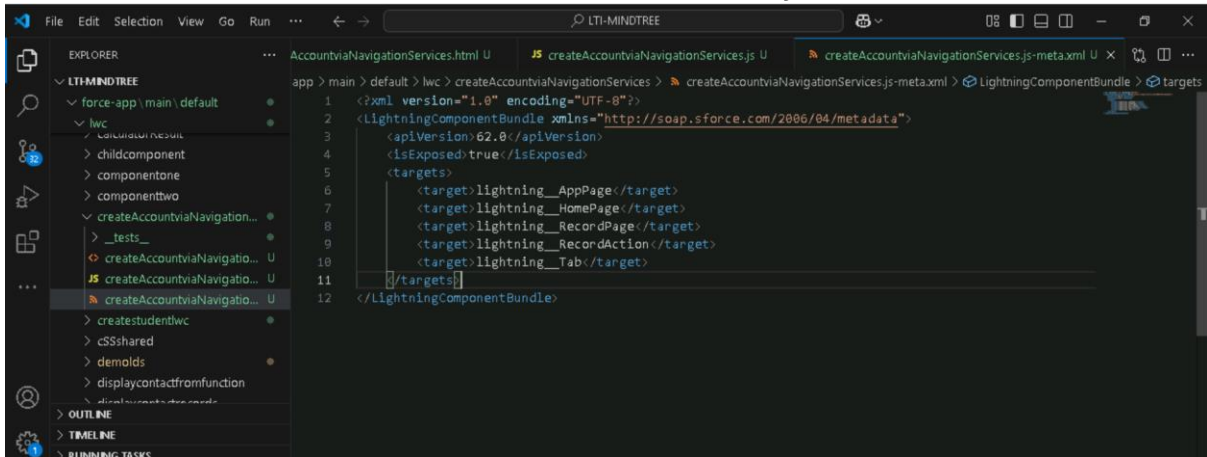

➔ In metajs-XML file do not forget to make isExposed as true and set the targets where you want to show the component like home page,record page, etc...
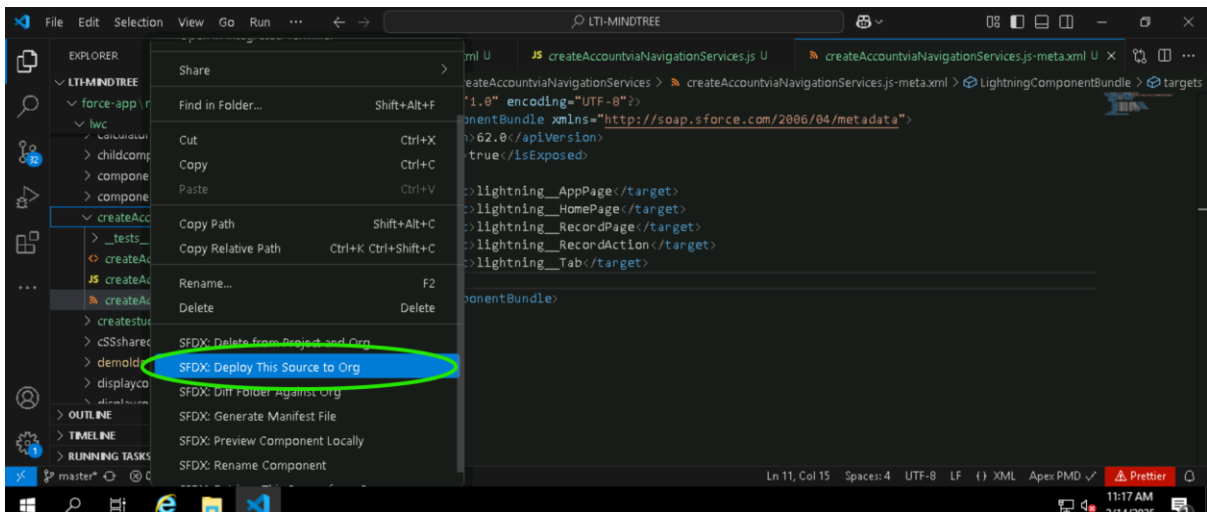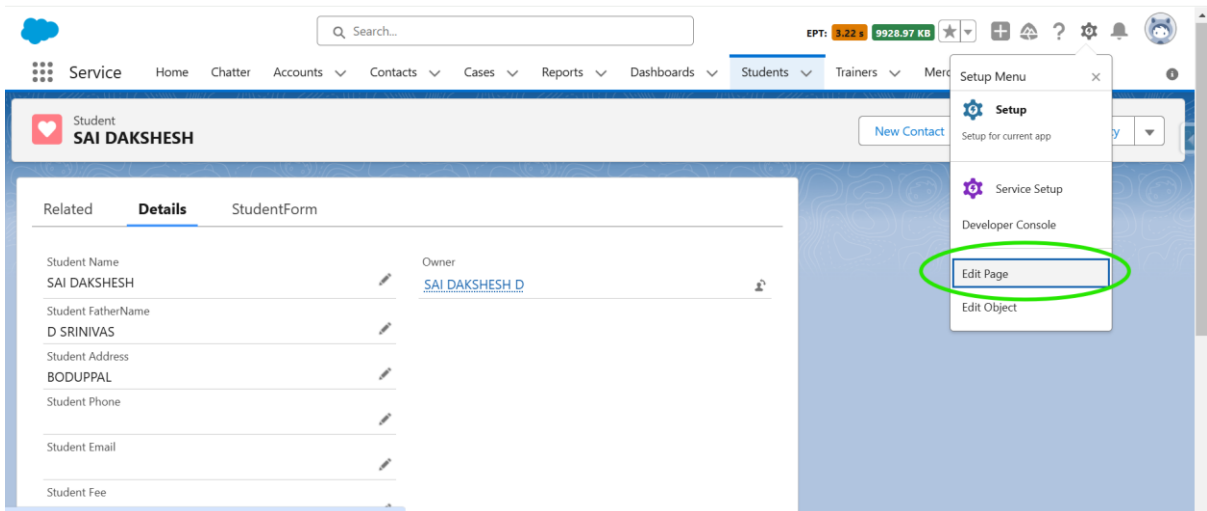
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➔ After saving all the files now its time to deploy it to the source org.

➔ Lets add the component to the student record page by going to student record and editing the page.

➔ After editing the page to your left side we have standard components which are provided by the salesforce and below that we have custom components where

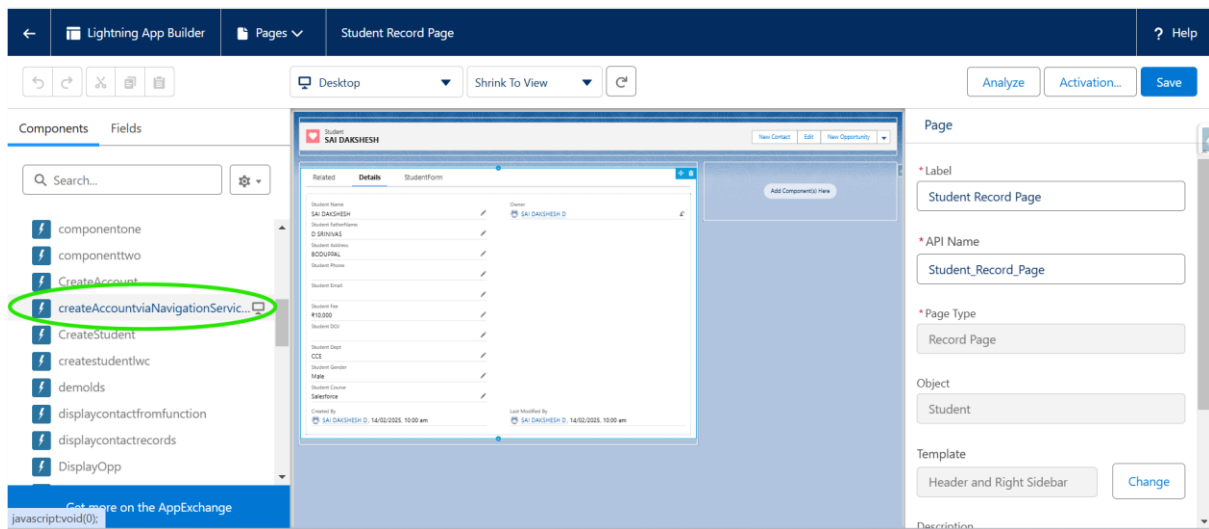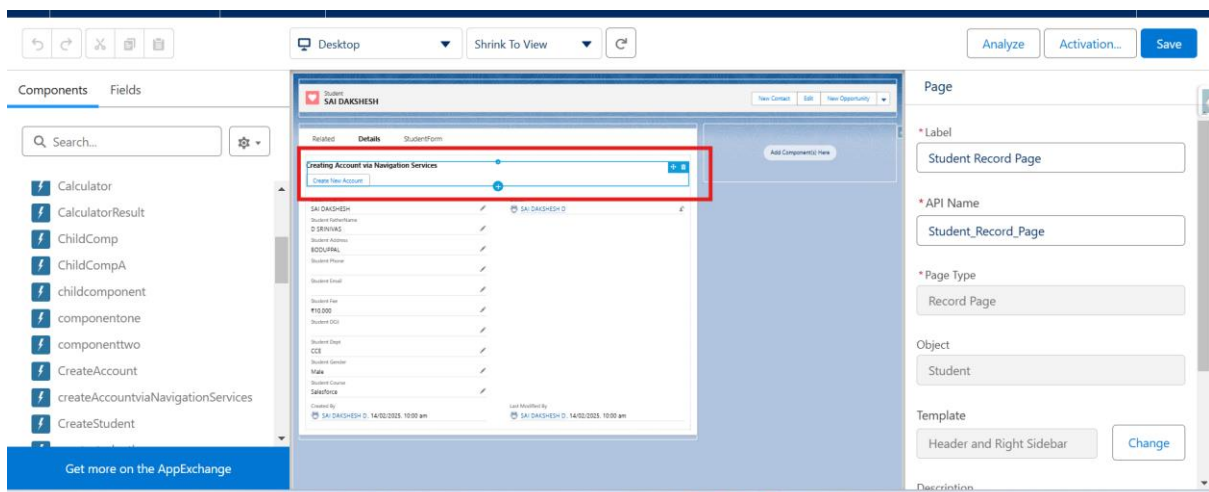# WEEKLY ASSESSMENT – 3

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we can find our component. Now drag the custom component add it to the record page and save and activate it .

➔ After adding we can see our custom component in the student record page. Lets go ahead and test it if it is working or not

➔ Click on create new account it will redirect you to the new account creation page.

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➔ Create a new account name as "Account Created by Navigation Services".

➔ After creating it will redirect you to the new account page.

➔ After successfully creating the account we get a popup saying that we have created it successfully.

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SBQ-2:

Create an Aura component where you have to insert a record for Trainer Object. Please make sure Trainer Object should have following fields:

Trainer Name - Text

Trainer Father Name - Text

Trainer Address - Text

Trainer Dept - Text

Trainer Salary – Cu

Solution:

➔ Go to developer console.
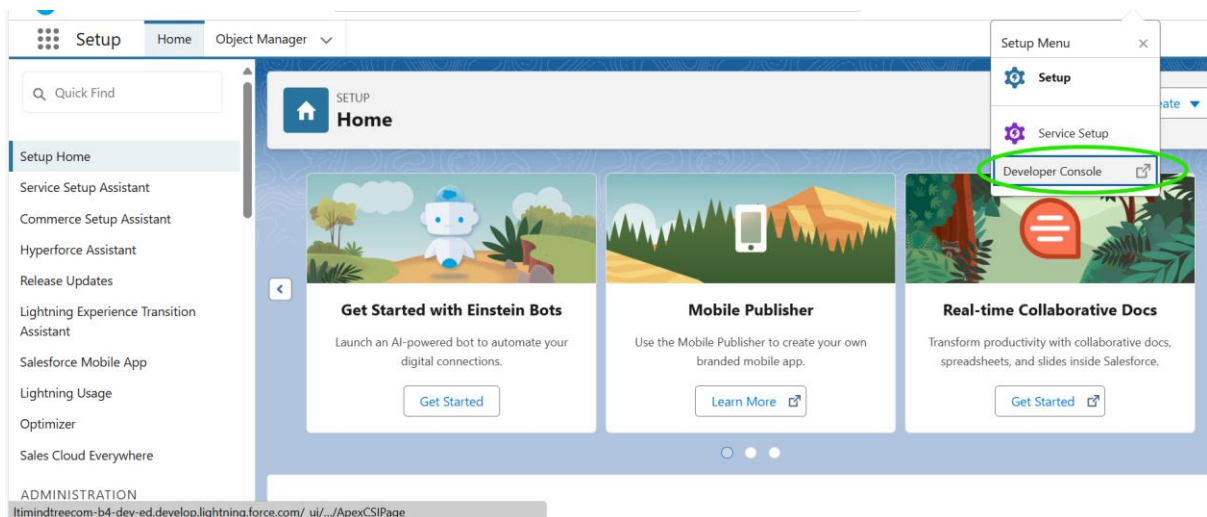
➔ Create a new lightning component

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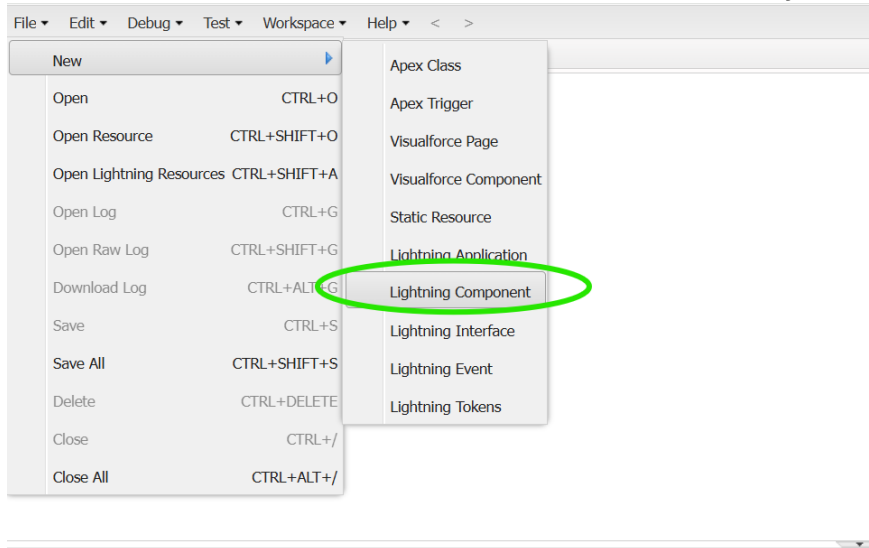
➔ Give name as createTrainerusingAura.
➔ And configure the targets as well.
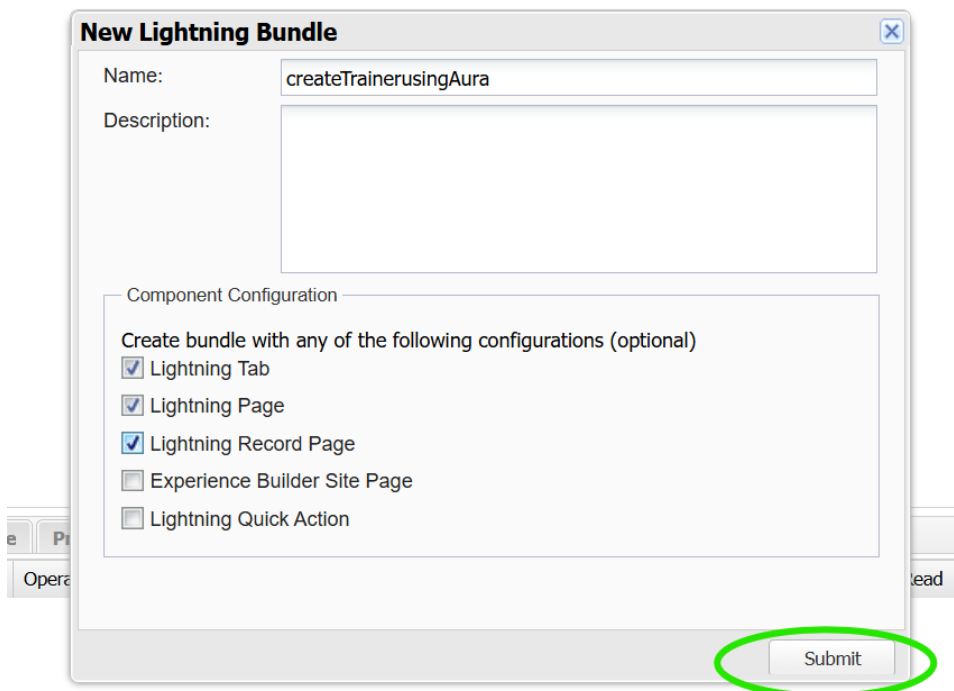
➔ Also create a class "createTrainercls"and create a method "createtarinerRe", make that class as @AuraEnabled so that we can you that class and methods inside it to send the data from our controller to the method.
➔ In the class we create a new trainer record
➔ We will return the id of the new record to the controller.

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```
createTrainerusingAura    createTrainerusingAura.cmp    createTrainercls.apxc    createTrainerusingAuraController.js

Code Coverage: None ▼   API Version:  62 ▼                                                    Go To

 1 ▾ public class createTrainercls {
 2         @auraEnabled
 3 ▾     public static string createtrainerRe(String TrainName,String TrainFName,String TrainAddress,String Traindept,Integer
 4         Trainer__c train =new Trainer__c();
 5         train.Trainer_Name__c=TrainName;
 6         train.Trainer_FatherName__c=TrainFName;
 7         train.Trainer_Address__c=TrainAddress;
 8         train.Trainer_Dept__c=Traindept;
 9         train.Trainer_Salary__c=Trainsal;
10         insert train;
11         return train.Id;
12     }
13
14 }
```

➔ In the aura component we are creating the inputs for the name,fathername,address,department,salary

➔ And creating a button for submitting

➔ Also don't forget to add the controller as class name in the first line.

```
File ▾  Edit ▾  Debug ▾  Test ▾  Workspace ▾  Help ▾  <   >
createTrainerusingAura    createTrainerusingAura.cmp    createTrainercls.apxc    createTrainerusingAuraController.js

 1 ▾ <aura:component controller="createTrainercls" implements="force:appHostable,flexipage:availableForAllPageTypes,flexipage:
 2 ▾     <lightning:card title="Trainer Record Creation">
 3             <lightning:input type="text" label="Trainer Name" aura:id="TrainName"></lightning:input>
 4             <lightning:input type="text" label="Father Name" aura:id="TrainFName"></lightning:input>
 5             <lightning:input type="text" label="Address" aura:id="TrainAddress"></lightning:input>
 6             <lightning:input type="text" label="Department" aura:id="Traindept"></lightning:input>
 7             <lightning:input type="Currency" label="Salary" aura:id="Trainsal"></lightning:input>
 8             <lightning:button label="Submit" variant="success" onclick="{!c.createTrainRecd}"></lightning:button>
 9     </lightning:card>
10 </aura:component>
```

➔ In the controller we are sending the get the input data and sending it to the method and setting all the data using setparams and setcallback for the redirecting after getting the id from the method.

➔ We call the method by using $A.enqueueAction().

➔ Save the files

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File ▾ Edit ▾ Debug ▾ Test ▾ Workspace ▾ Help ▾   <   >

createTrainerusingAura | createTrainerusingAura.cmp | createTrainercls.apxc | **createTrainerusingAuraController.js**

```
1  ▾ ({
2  ▾     createTrainRecd : function(component, event, helper) {
3           var TrainName=component.find("TrainName").get("v.value");
4           var TrainFName=component.find("TrainFName").get("v.value");
5           var TrainAddress=component.find("TrainAddress").get("v.value");
6           var Traindept=component.find("Traindept").get("v.value");
7           var Trainsal=component.find("Trainsal").get("v.value");
8
9           var action=component.get("c.createtrainerRe");
10 ▾        action.setParams({
11              "TrainName":TrainName,
12              "TrainFName":TrainFName,
13              "TrainAddress":TrainAddress,
14              "Traindept":Traindept,
15              "Trainsal":Trainsal,
16          });
17 ▾        action.setCallback(this, function(respon){
18              var state=respon.getState();
19 ▾            if(state=="SUCCESS"){
20                  var trainerId=respon.getReturnValue();
21                  window.open("/"+trainerId);
```

```
21                  window.open("/"+trainerId);
22              }
23              else{}
24          });
25          $A.enqueueAction(action);
26
27      }
28 })
```

➔ We create a new tab

SETUP
Tabs

Step 1. Enter the Details   Step 1 of 2

Choose the component for this new tab. Fill in other details.

Lightning Component	c:createTrainerusingAura
Tab Label	CreateTrainerRecordAura
Tab Name	CreateTrainerRecordAura
Tab Style	Laptop
Description	

Next   Cancel

➔ Open the tab and create a new record from the tab and it should redirect you to the new record.

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→ We will be redirecting to the new record automatically after creating new record