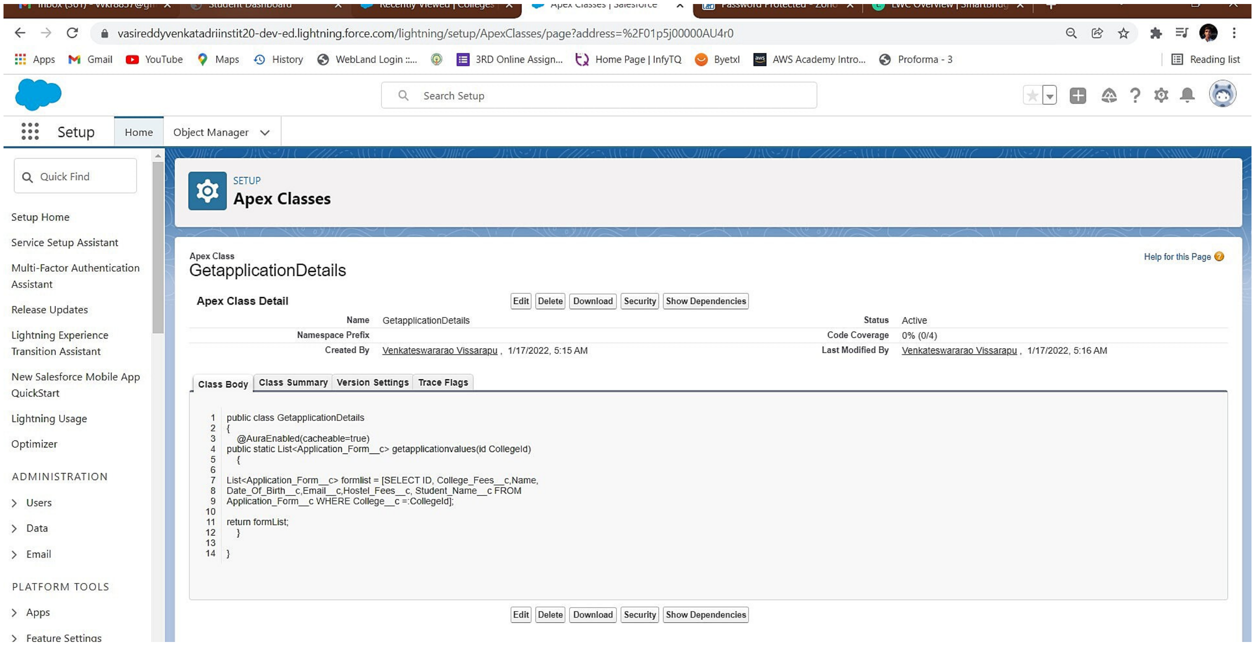
Day : 8

Topic : Lightning Web Components

Activites : 1)Create College DataTable Component(APEX CLASS)



vasireddyvenkatadriinstit20-dev-ed.lightning.force.com/lightning/setup/ApexClasses/page?address=%2F01p5j00000AU4r0

SETUP
Apex Classes

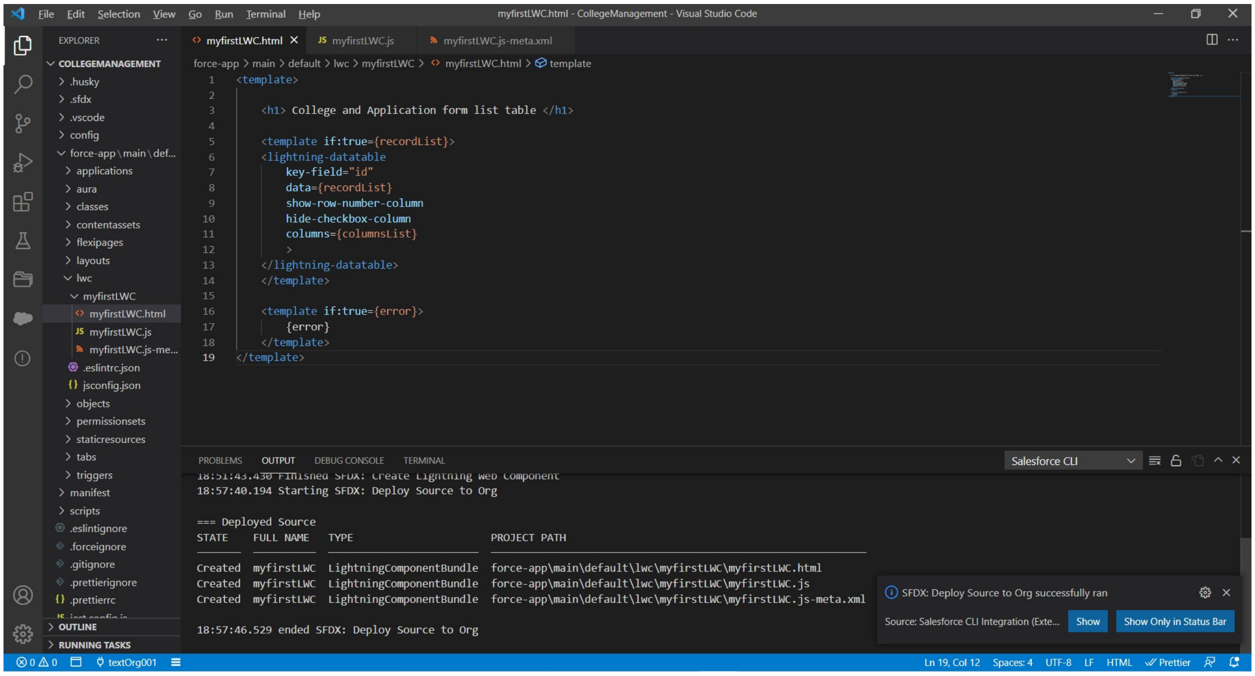
Apex Class
GetapplicationDetails

Apex Class Detail

Name: GetapplicationDetails
Namespace Prefix:
Created By: Venkateswararao Vissarapu , 1/17/2022, 5:15 AM
Status: Active
Code Coverage: 0% (0/4)
Last Modified By: Venkateswararao Vissarapu , 1/17/2022, 5:16 AM

```
public class GetapplicationDetails
{
   @AuraEnabled(cacheable=true)
public static List<Application_Form__c> getapplicationvalues(id CollegeId)
   {

List<Application_Form__c> formlist = [SELECT ID, College_Fees__c,Name,
Date_Of_Birth__c,Email__c,Hostel_Fees__c, Student_Name__c FROM
Application_Form__c WHERE College__c =:CollegeId];

return formList;
   }

}
```

2)Create College DataTable Component (HTML FILE)



myfirstLWC.html - CollegeManagement - Visual Studio Code

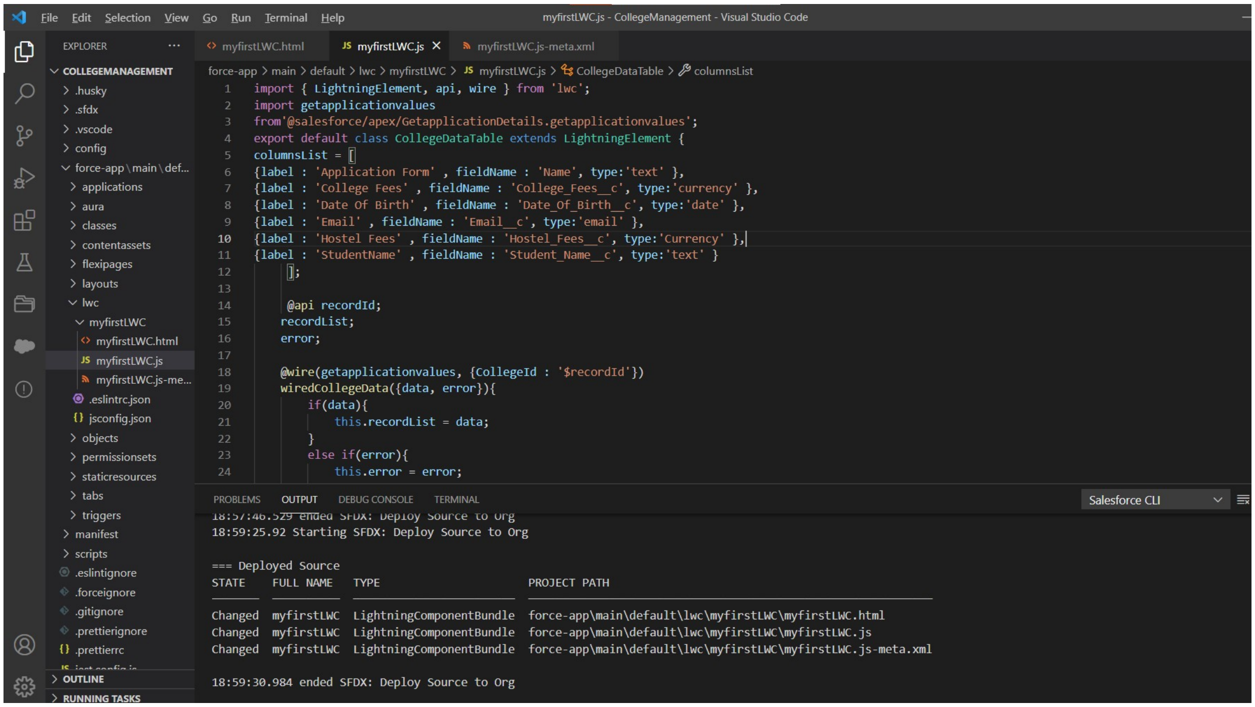
force-app > main > default > lwc > myfirstLWC > myfirstLWC.html > template

```
<template>

    <h1> College and Application form list table </h1>

    <template if:true={recordList}>
    <lightning-datatable
        key-field="id"
        data={recordList}
        show-row-number-column
        hide-checkbox-column
        columns={columnsList}
        >
    </lightning-datatable>
    </template>

    <template if:true={error}>
        {error}
    </template>
</template>
```

```
18:51:43.430 Finished SFDX: Create Lightning Web Component
18:57:40.194 Starting SFDX: Deploy Source to Org

=== Deployed Source
STATE    FULL NAME   TYPE                      PROJECT PATH
───────  ──────────  ────────────────────────  ──────────────────────────────────────────────────────────
Created  myfirstLWC  LightningComponentBundle  force-app\main\default\lwc\myfirstLWC\myfirstLWC.html
Created  myfirstLWC  LightningComponentBundle  force-app\main\default\lwc\myfirstLWC\myfirstLWC.js
Created  myfirstLWC  LightningComponentBundle  force-app\main\default\lwc\myfirstLWC\myfirstLWC.js-meta.xml

18:57:46.529 ended SFDX: Deploy Source to Org
```

SFDX: Deploy Source to Org successfully ran
Source: Salesforce CLI Integration (Exte...

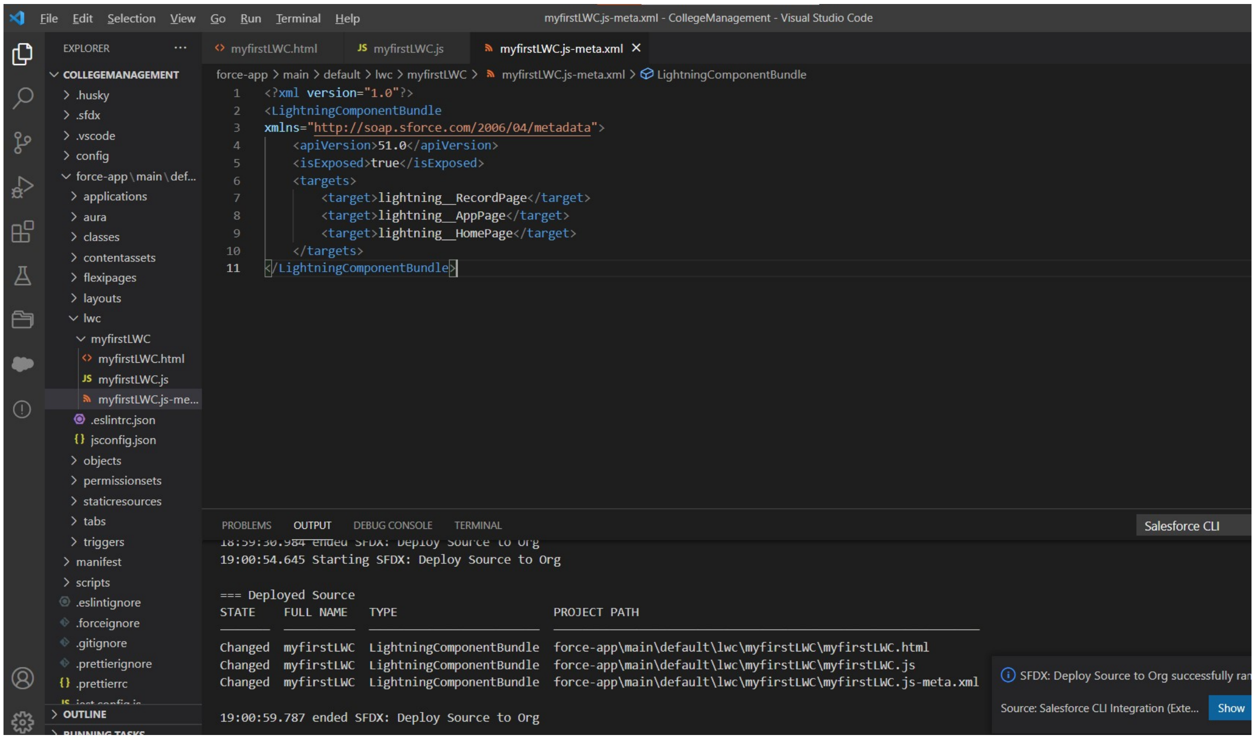
3) Create College DataTable Component(JAVA SCRIPT FILE)


File Edit Selection View Go Run Terminal Help
myfirstLWC.js - CollegeManagement - Visual Studio Code
myfirstLWC.html
myfirstLWC.js
myfirstLWC.js-meta.xml
force-app > main > default > lwc > myfirstLWC > myfirstLWC.js > CollegeDataTable > columnsList
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
Salesforce CLI

```
import { LightningElement, api, wire } from 'lwc';
import getapplicationvalues
from'@salesforce/apex/GetapplicationDetails.getapplicationvalues';
export default class CollegeDataTable extends LightningElement {
columnsList = [
{label : 'Application Form' , fieldName : 'Name', type:'text' },
{label : 'College Fees' , fieldName : 'College_Fees__c', type:'currency' },
{label : 'Date Of Birth' , fieldName : 'Date_Of_Birth__c', type:'date' },
{label : 'Email' , fieldName : 'Email__c', type:'email' },
{label : 'Hostel Fees' , fieldName : 'Hostel_Fees__c', type:'Currency' },
{label : 'StudentName' , fieldName : 'Student_Name__c', type:'text' }
    ];

    @api recordId;
   recordList;
   error;

   @wire(getapplicationvalues, {CollegeId : '$recordId'})
   wiredCollegeData({data, error}){
       if(data){
           this.recordList = data;
       }
       else if(error){
           this.error = error;
```

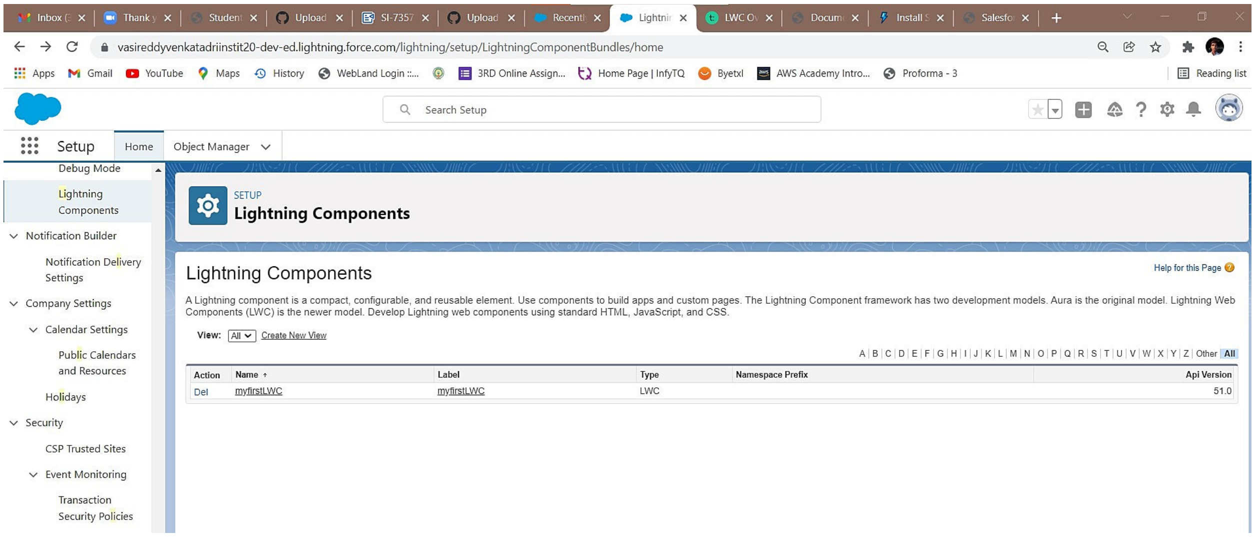
```
18:57:46.529 ended SFDX: Deploy Source to Org
18:59:25.92 Starting SFDX: Deploy Source to Org

=== Deployed Source
STATE    FULL NAME   TYPE                       PROJECT PATH
───────  ──────────  ─────────────────────────  ───────────────────────────────────────────────────────────
Changed  myfirstLWC  LightningComponentBundle   force-app\main\default\lwc\myfirstLWC\myfirstLWC.html
Changed  myfirstLWC  LightningComponentBundle   force-app\main\default\lwc\myfirstLWC\myfirstLWC.js
Changed  myfirstLWC  LightningComponentBundle   force-app\main\default\lwc\myfirstLWC\myfirstLWC.js-meta.xml

18:59:30.984 ended SFDX: Deploy Source to Org
```

4)Create College DataTable Component(META FILE)


File Edit Selection View Go Run Terminal Help
myfirstLWC.js-meta.xml - CollegeManagement - Visual Studio Code
myfirstLWC.html
myfirstLWC.js
myfirstLWC.js-meta.xml
force-app > main > default > lwc > myfirstLWC > myfirstLWC.js-meta.xml > LightningComponentBundle
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
Salesforce CLI
SFDX: Deploy Source to Org successfully ra
Source: Salesforce CLI Integration (Exte...
Show

```
<?xml version="1.0"?>
<LightningComponentBundle
xmlns="http://soap.sforce.com/2006/04/metadata">
    <apiVersion>51.0</apiVersion>
    <isExposed>true</isExposed>
    <targets>
        <target>lightning__RecordPage</target>
        <target>lightning__AppPage</target>
        <target>lightning__HomePage</target>
    </targets>
</LightningComponentBundle>
```

```
18:59:30.984 ended SFDX: Deploy Source to Org
19:00:54.645 Starting SFDX: Deploy Source to Org

=== Deployed Source
STATE    FULL NAME   TYPE                       PROJECT PATH
───────  ──────────  ─────────────────────────  ───────────────────────────────────────────────────────────
Changed  myfirstLWC  LightningComponentBundle   force-app\main\default\lwc\myfirstLWC\myfirstLWC.html
Changed  myfirstLWC  LightningComponentBundle   force-app\main\default\lwc\myfirstLWC\myfirstLWC.js
Changed  myfirstLWC  LightningComponentBundle   force-app\main\default\lwc\myfirstLWC\myfirstLWC.js-meta.xml

19:00:59.787 ended SFDX: Deploy Source to Org
```



SETUP

Lightning Components

Lightning Components

Help for this Page

A Lightning component is a compact, configurable, and reusable element. Use components to build apps and custom pages. The Lightning Component framework has two development models. Aura is the original model. Lightning Web Components (LWC) is the newer model. Develop Lightning web components using standard HTML, JavaScript, and CSS.

View: All Create New View

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Other | All

Action	Name ↑	Label	Type	Namespace Prefix	Api Version
Del	myfirstLWC	myfirstLWC	LWC		51.0