

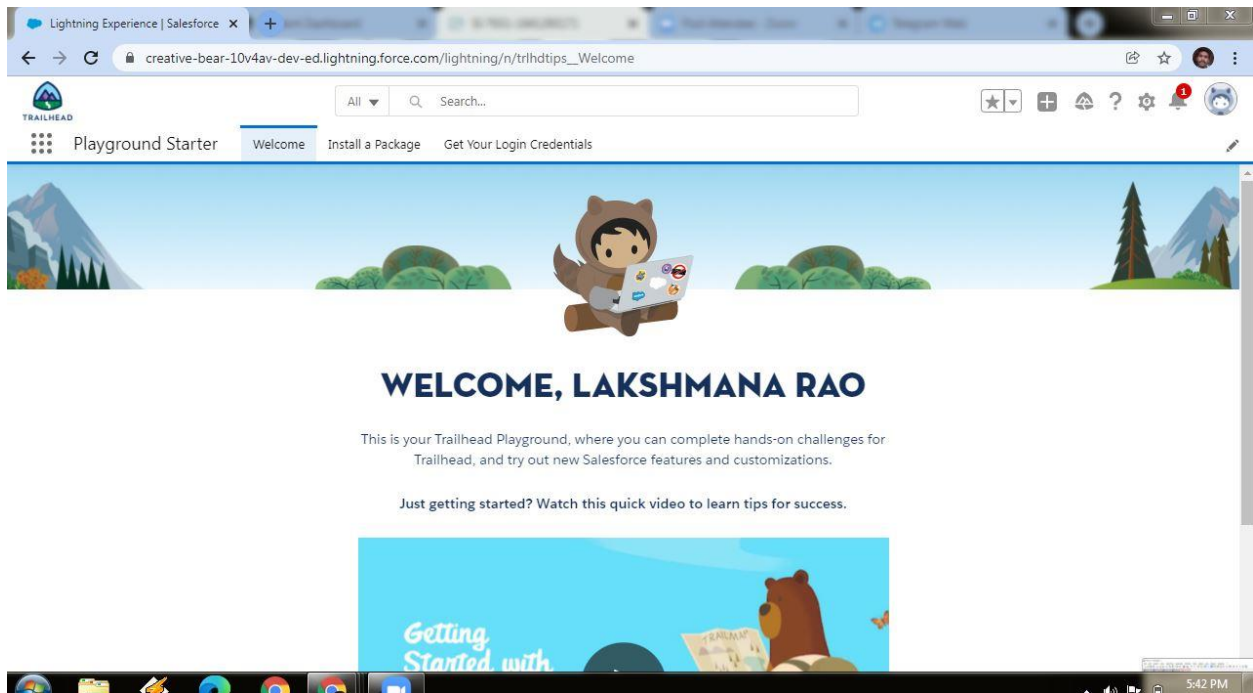
Day 1 : 03/01/2022,Monday

Topic: Create your salesforce developer org to get started

Milestone / Activities: Creating Developer Account
Account activation
Login to your salesforce Account

Detailed Description: First I sign up the developers.salesforce.com with all required information, after clicking the sign up button I will get an email for activating the developer account ,then I verify the account ,then after I login the salesforce account.

Upload the Screenshot the Milestone / Activities :



Day 2 : 04/01/2022,Tuesday

Topic: Custom Object Creation.

Milestone / Activities: Create the custom objects for the application.
Create fields on college object.
Create fields on application form object.
Create fields on student object.
Create fields on subject object.

Detailed Description: First I have created the custom objects then after I created all the fields in College, Application form, Student and Subject objects according to the project details.

Upload the Screenshot the Milestone / Activities :

Recently Viewed | Colleges | Sales | College | Salesforce

creative-bear-10v4av-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115g000003BKIV/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER
College

Details

Fields & Relationships
9 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

Capacity of students	Capacity_of_students__c	Picklist	
College Fee	College_Fee__c	Currency(7, 2)	
College Name	College_Name__c	Picklist	
Created By	CreatedById	Lookup(User)	
Email	Email__c	Picklist	College Name
Hostel Fee	Hostel_Fee__c	Currency(18, 0)	
Last Modified By	LastModifiedById	Lookup(User)	
Owner	OwnerId	Lookup(User,Group)	✓
Record info	Name	Text(80)	✓

https://creative-bear-10v4av-dev-ed.lightning.force.com/one/one.app#/setu...

creative-bear-10v4av-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115g000003BKR4/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER
Application Form

Details

Fields & Relationships
14 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Address	Address__c	Text(255)		
Application Form ID	Name	Auto Number		✓
College	College__c	Master-Detail(College)		✓
College Fee	College_Fee__c	Formula (Currency)		
Created By	CreatedById	Lookup(User)		
Date of Birth	Date_of_Birth__c	Date		
Email	Email__c	Email (Unique)		✓
Guardian Name	Guardian_Name__c	Text(30)		

creative-bear-10v4av-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115g000003BKR4/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Application Form

Details

Fields & Relationships
14 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

Field Label	Field Name	Data Type	Controlling Field	Indexed
Email	Email__c	Email (Unique)		✓
Guardian Name	Guardian_Name__c	Text(30)		
Hostel Fees	Hostel_Fees__c	Formula (Currency)		
Last Modified By	LastModifiedById	Lookup(User)		
Looking For Hostel Stay	Looking_For_Hostel_Stay__c	Checkbox		
Phone	Phone__c	Phone		
Ready To Join	Ready_To_Join__c	Checkbox		
Student Name	Student_Name__c	Text(30)		

creative-bear-10v4av-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115g000003BL0Q/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Student

Details

Fields & Relationships
9 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

Field Label	Field Name	Data Type	Controlling Field	Indexed
Address	Address__c	Text(255)		
Application Form	Application_Form__c	Lookup(Application Form)		✓
Created By	CreatedBy	Lookup(User)		
Date of Birth	Date_of_Birth__c	Date		
Guardian Name	Guardian_Name__c	Text(30)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User/Group)		✓
Phone	Phone__c	Phone		

https://creative-bear-10v4av-dev-ed.lightning.force.com/one/one.app#/setu...

Day 3 : 05/01/2022

Topic: Adding Business Logic to Application

Milestone / Activities: Creating Global Picklist value sets
 Creating Field Dependencies
 Create Validation Rule on College Object
 Process Automation

Detailed Description:First I have created global picklist value sets Setup>Quick Find box>picklist value sets>new then I have created field dependencies ,setup>object manager>college>field and relationship>field dependencies>new then I have created validation rule , setup>object manager >college>validation rule>new then after I have created builder named Application Form Process master setup>quick find box>process builder>new,created as per information given in project details

The screenshot shows the Salesforce Setup interface for 'Picklist Value Sets'. The left sidebar contains navigation links: Setup, Home, and Object Manager. The main content area is titled 'Picklist Value Sets' and includes a search bar, a 'View' dropdown set to 'All', and a 'Create New View' link. Below this is a table of 'Global Value Sets' with columns for Action, Label, and Description. The table lists three entries: 'College Name', 'Page 1', and 'Page 2', each with 'Edit' and 'Del' links. A 'New' button is located at the top right of the table.

Action	Label	Description
Edit Del	College Name	
Edit Del	Page 1	
Edit Del	Page 2	

The screenshot shows the Salesforce Setup interface for 'College Field Dependencies'. The left sidebar contains navigation links: Setup, Home, and Object Manager. The main content area is titled 'College Field Dependencies' and includes a search bar, a 'View' dropdown set to 'All', and a 'Create New View' link. Below this is a table of 'Field Dependencies' with columns for Action, Controlling Field, Dependent Field, and Modified By. The table lists two entries: 'College Name' and 'Capacity of students', each with 'Edit' and 'Del' links. A 'New' button is located at the top right of the table.

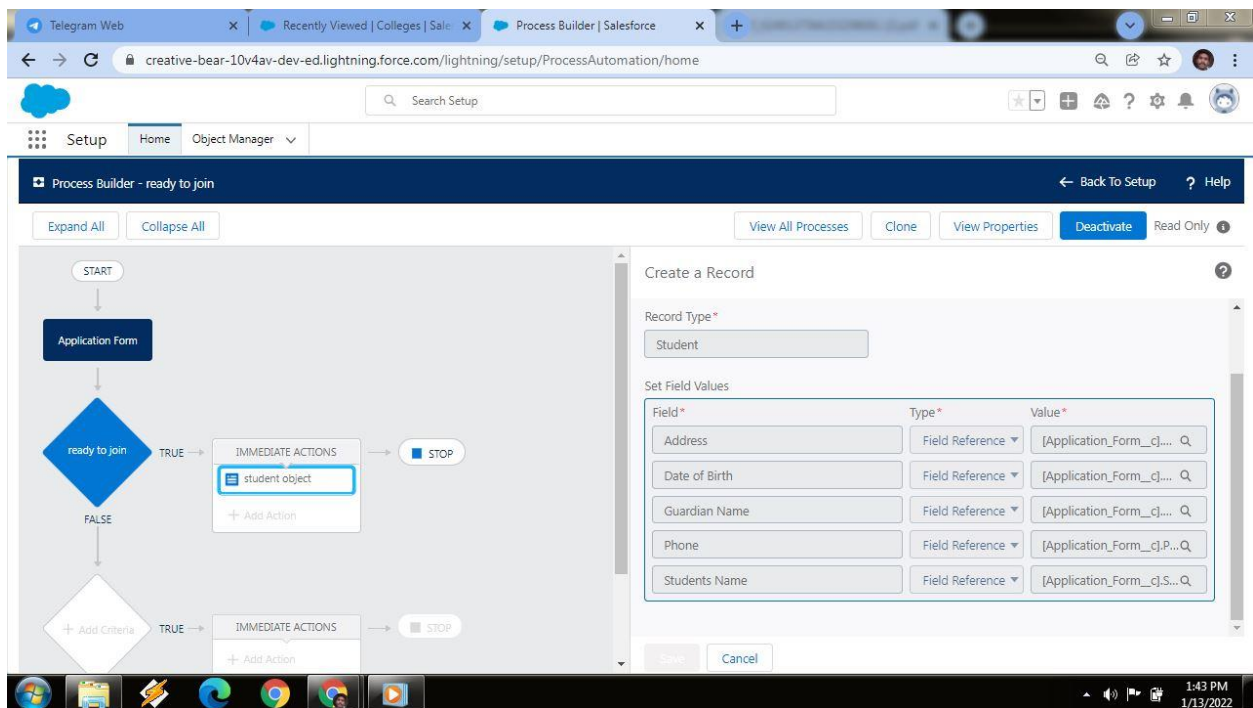
Action	Controlling Field	Dependent Field	Modified By
Edit Del	College Name	Email	Lakshman Rao Bantlu , 1/5/2022, 7:51 AM
Edit Del	College Name	Capacity of students	Lakshman Rao Bantlu , 1/11/2022, 8:21 AM

Day 4 :06/01/2022 Thursday

Topic: Process Builder.

Milestone / Activities: Process Automation.

Detailed Description: I Have Created Builder Named Application Form Process Master Setup>Quick Find box>process builder >New, Created as per information given in the project detail.

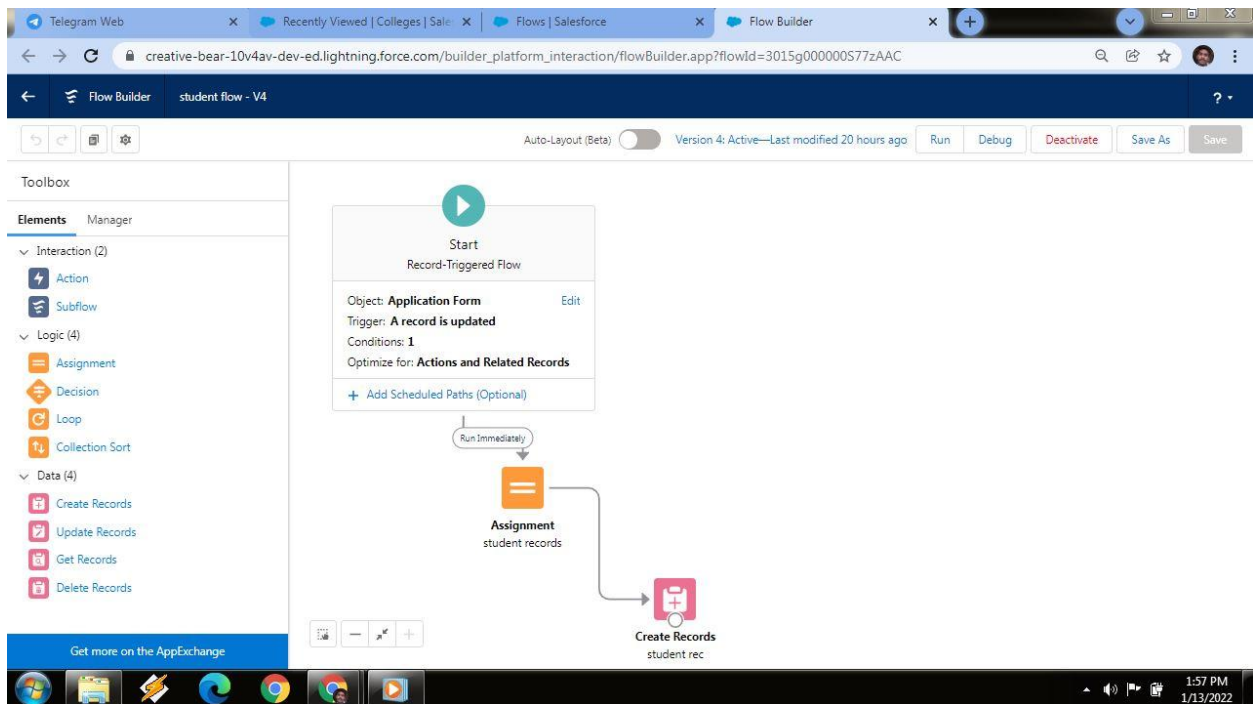
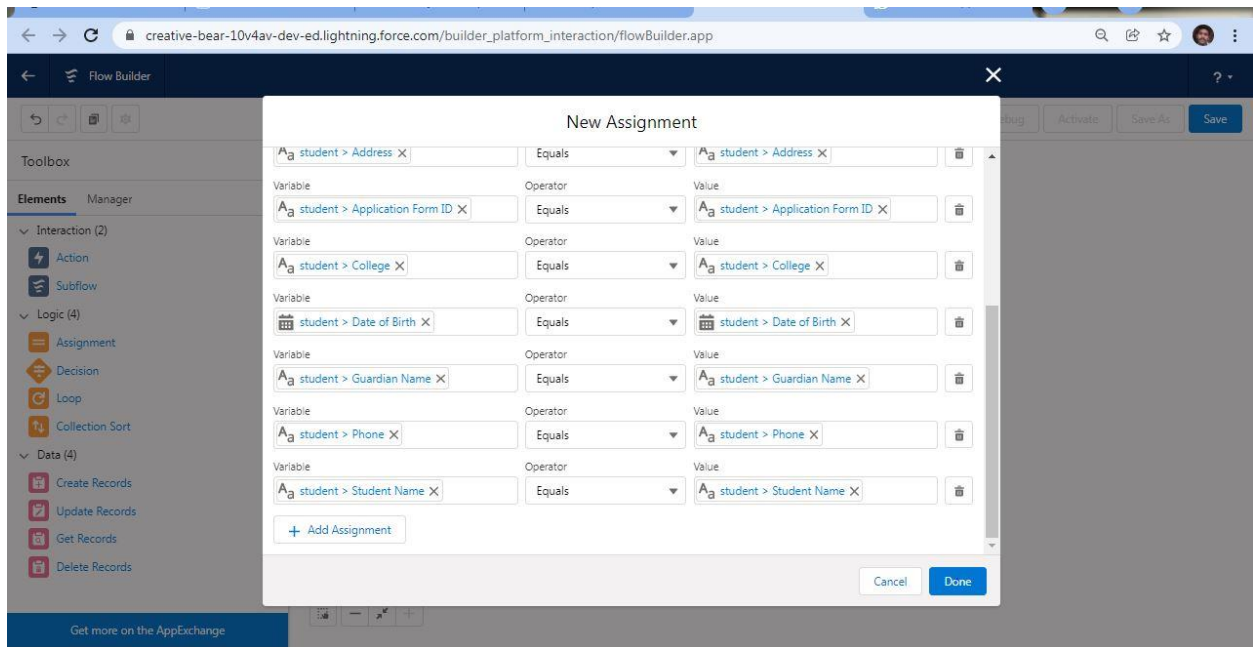


Day 5 :07/01/2022 Friday

Topic: Flows

Milestone / Activities: Create a student record using Flows.

Detailed Description: I have Created the application form record trigger flow, in that I have created a variable named in student in the resource section and I add the some assignments and then created the student record.

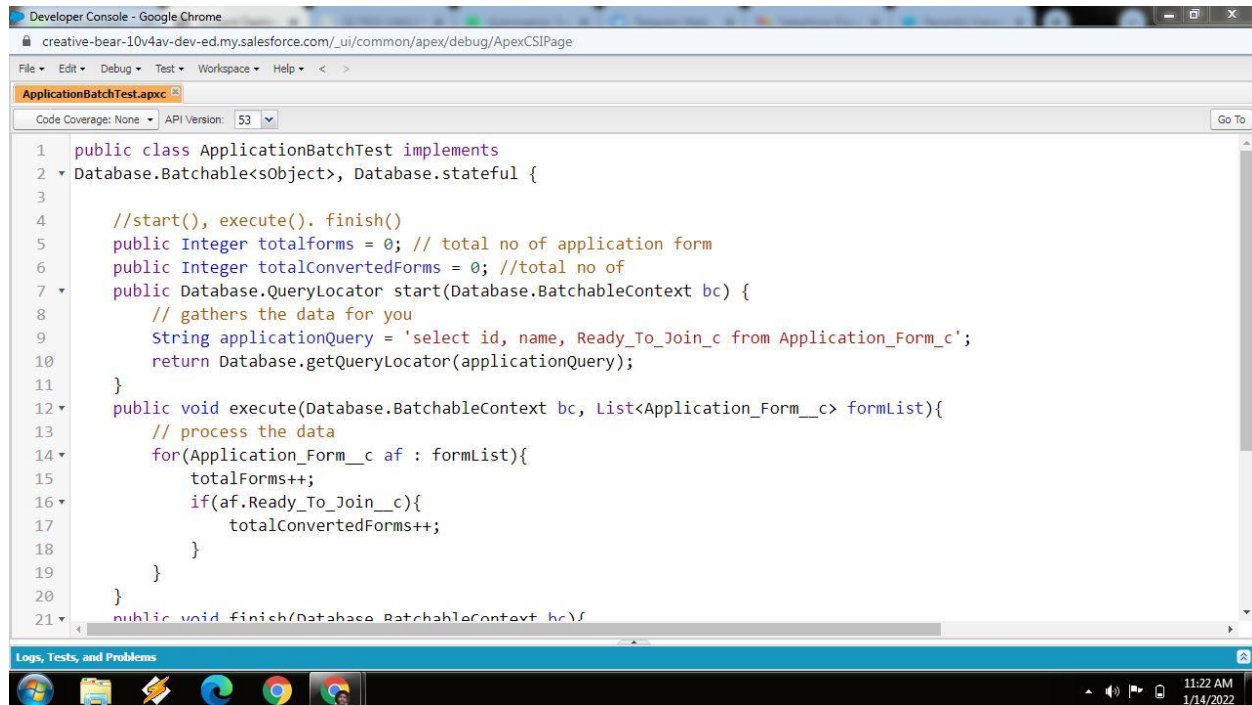


Day 6 :10/01/2022 Monday

Topic: Batch Apex

Milestone / Activities: Create A Batch Apex for Application Form

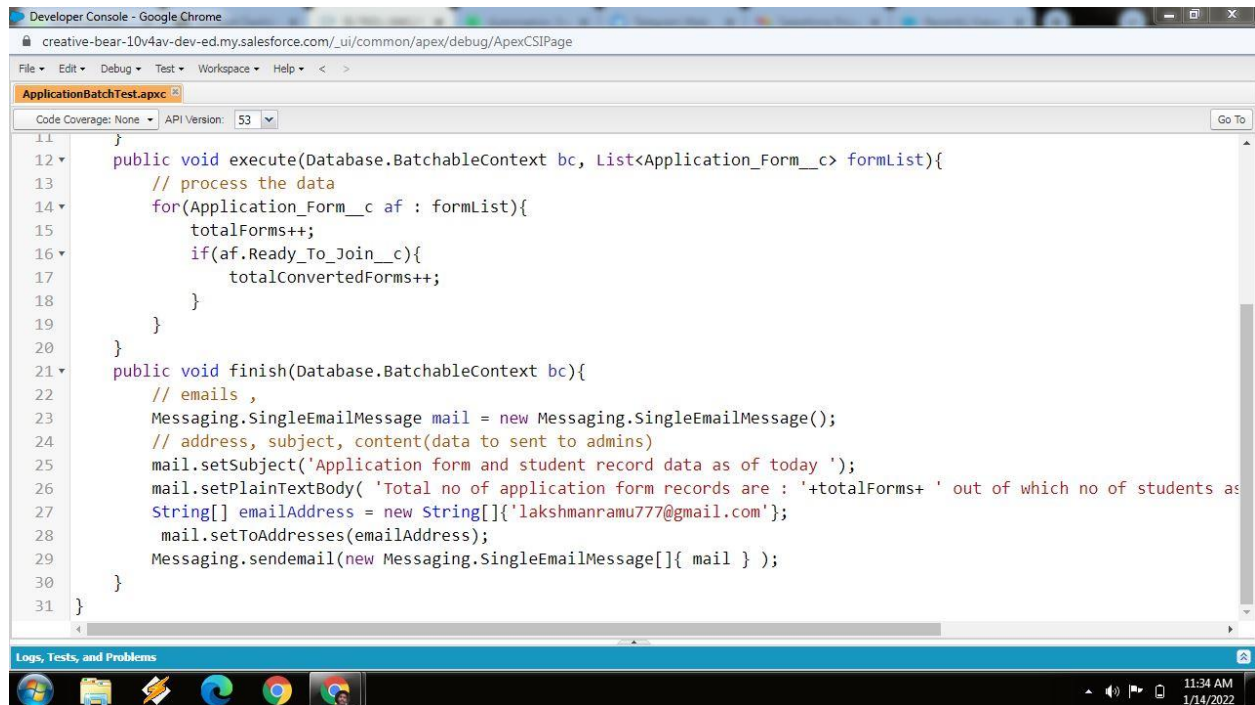
Detailed Description: I have created batch apex for a application form. In that I have to create one apex class named as Application batch test. I wrote code in that apex class and checked the errors in JAVA script then execute the code.



The screenshot shows the Salesforce Developer Console with the file 'ApplicationBatchTest.apxc' open. The code is as follows:

```
1 public class ApplicationBatchTest implements
2 Database.Batchable<SObject>, Database.Stateful {
3
4     //start(), execute(). finish()
5     public Integer totalForms = 0; // total no of application form
6     public Integer totalConvertedForms = 0; //total no of
7     public Database.QueryLocator start(Database.BatchableContext bc) {
8         // gathers the data for you
9         String applicationQuery = 'select id, name, Ready_To_Join_c from Application_Form__c';
10        return Database.getQueryLocator(applicationQuery);
11    }
12    public void execute(Database.BatchableContext bc, List<Application_Form__c> formList){
13        // process the data
14        for(Application_Form__c af : formList){
15            totalForms++;
16            if(af.Ready_To_Join__c){
17                totalConvertedForms++;
18            }
19        }
20    }
21    public void finish(Database.BatchableContext bc){
```

The bottom of the console shows the 'Logs, Tests, and Problems' tab, and the Windows taskbar at the bottom indicates the time is 11:22 AM on 1/14/2022.



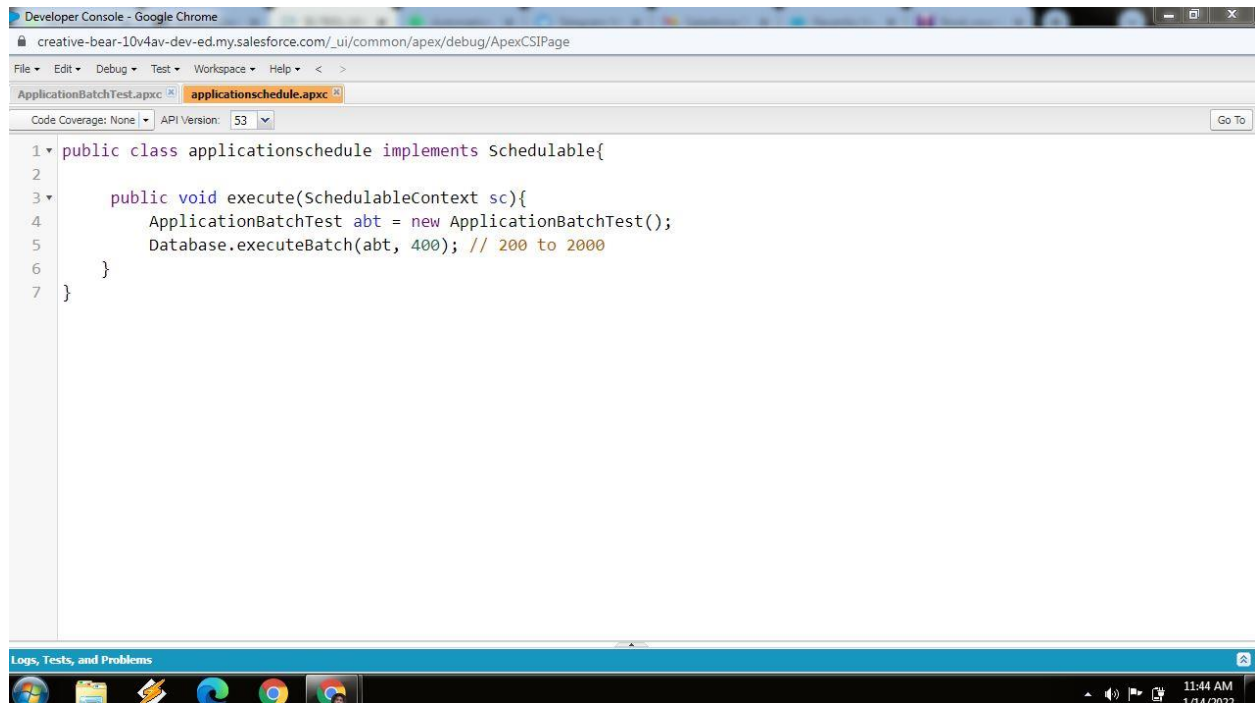
```
11 }
12 public void execute(Database.BatchableContext bc, List<Application_Form__c> formList){
13     // process the data
14     for(Application_Form__c af : formList){
15         totalForms++;
16         if(af.Ready_To_Join__c){
17             totalConvertedForms++;
18         }
19     }
20 }
21 public void finish(Database.BatchableContext bc){
22     // emails ,
23     Messaging.SingleEmailMessage mail = new Messaging.SingleEmailMessage();
24     // address, subject, content(data to sent to admins)
25     mail.setSubject('Application form and student record data as of today ');
26     mail.setPlainTextBody('Total no of application form records are : '+totalForms+ ' out of which no of students as
27     String[] emailAddress = new String[]{'lakshmanramu777@gmail.com'};
28     mail.setToAddresses(emailAddress);
29     Messaging.sendEmail(new Messaging.SingleEmailMessage[] { mail } );
30 }
31 }
```

Day 7 :11/01/2022 Tuesday

Topic: Batch Apex

Milestone / Activities: Create A Schedule class

Detailed Description: I have created batch apex for a schedule class. In that I have to create one apex class named as Application schedule. I wrote code in that apex class and checked the errors in JAVA script then execute the code.



Day 8 : 12/01/2022, Wednesday.

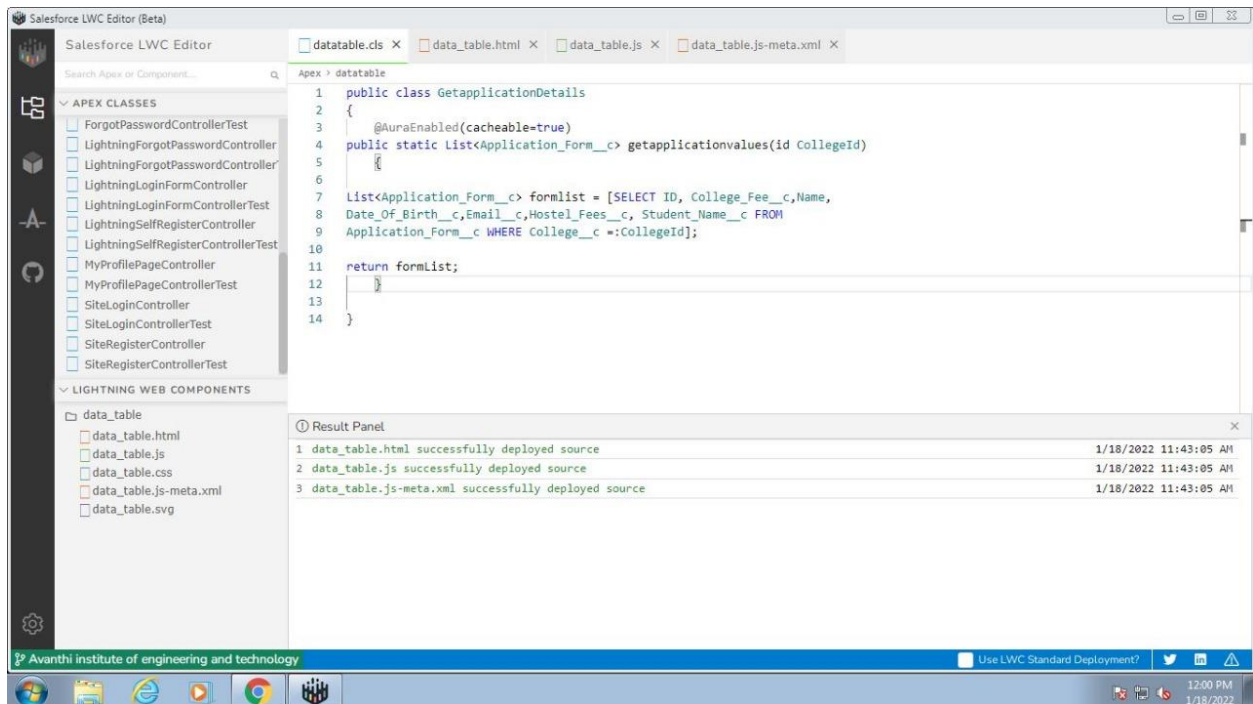
Topic: Lightning Web Components.

Milestone / Activities : Create College Data Table Component

Detailed Description : I have created a apex class for creating the College Data Table.

-> Developer Console -> New -> Apex Class -> Enter Code -> Save.

Upload the Screenshot of the Milestone / Activities :



Day 9 : 13/01/2022, Thursday.

Topic: Lightning Web Components.

Milestone / Activities : Create College Data Table Component (HTML File).

Detailed Description :

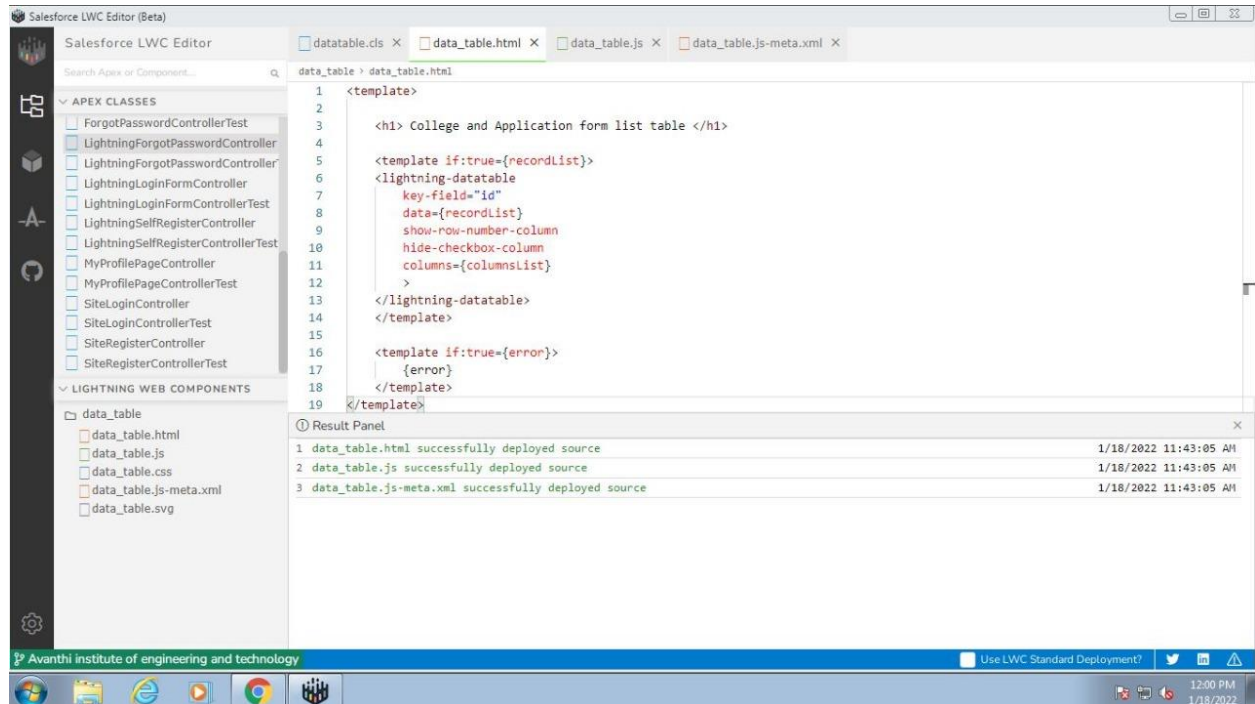
-> I have created the HTML File for the College Data Table as

follows :

-> App Launcher -> College Management -> Colleges -> Adding Lwc

Extension -> Open Lwc Editor -> Create HTML File -> Save.

Upload the Screenshot of the Milestone / Activities :



Day 10 : 14/01/2022, Friday.

Topic: Lightning Web Components.

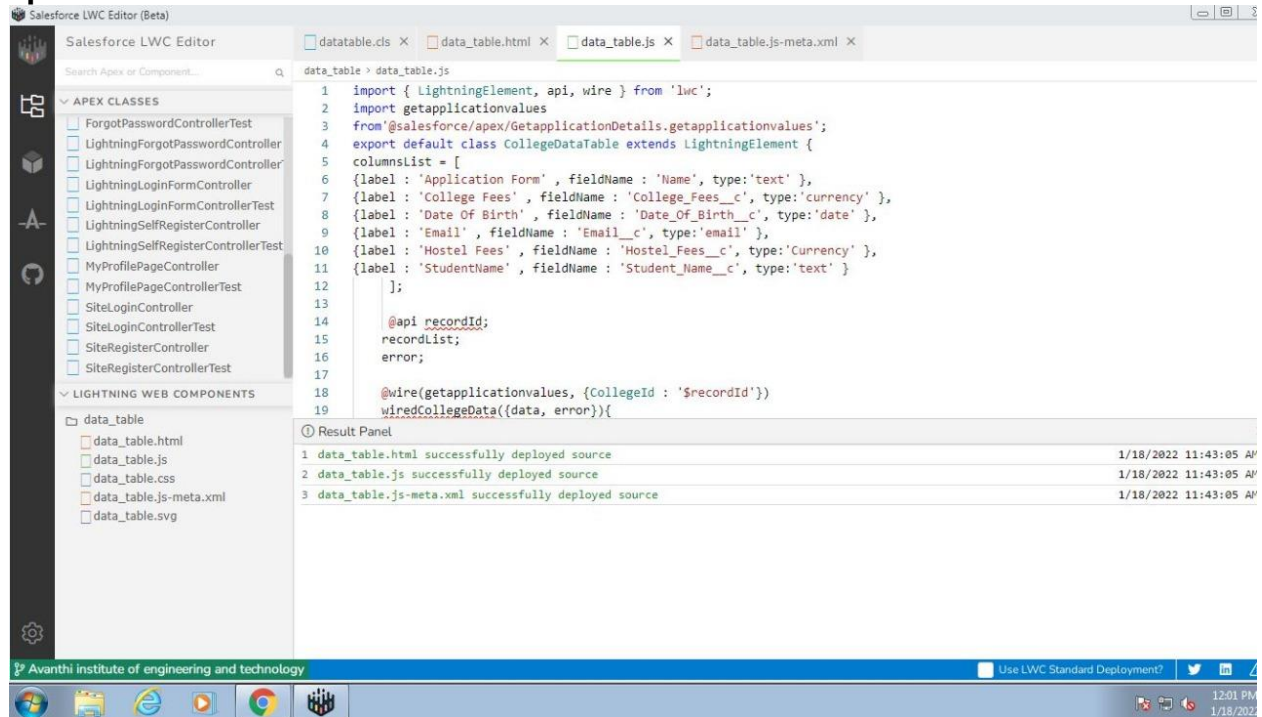
Milestone / Activities : Create College Data Table Component (JAVA Script File).

Detailed Description :

-> I have created the JAVA Script File for the College Data Table as follows :

-> App Launcher -> College Management -> Colleges -> Open Lwc Editor -> Create JAVA Script File -> Save.

upload the Screenshot of the Milestone / Activities :



Day 11 : 17/01/2022,Monday.

Topic: Lightning Web Components.

Milestone / Activities : Create College Data Table Component (Meta File).

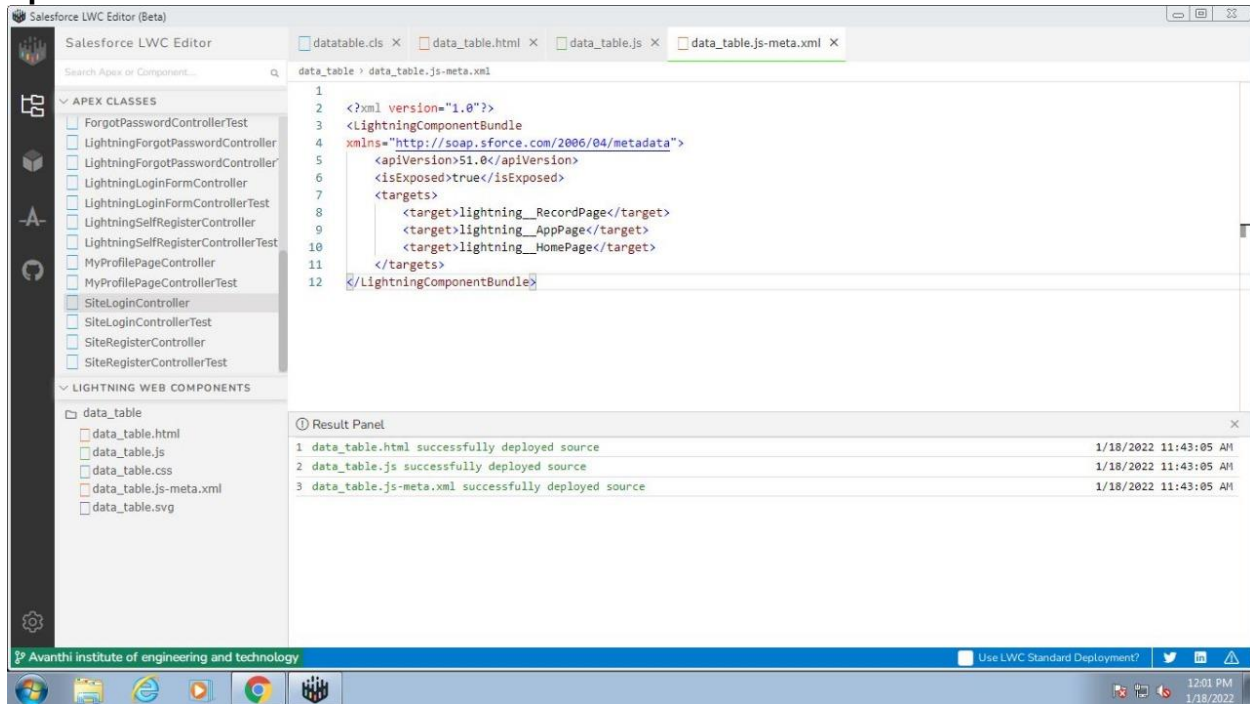
Detailed Description :

-> I have created the Meta File for the College Data Table as

follows :

-> App Launcher -> College Management -> Colleges -> Open Lwc Editor -> Create Meta File -> Save.

Upload the Screenshot of the Milestone / Activities :



Day 12 : 18/01/2022, Tuesday.

Topic: Lightning Web Components.

Milestone / Activities : Create Data Table Tab in the Lightning app page.

Detailed Description :

-> I have created the Data Table in the Lightning app page by

adding new lightning component to the new Tab

-> App Launcher -> College Management -> Colleges -> Edit Page ->

Add New Tab -> Light Components -> ClgTable -> Save.

Upload the Screenshot of the Milestone / Activities :

The screenshot displays a Salesforce Lightning interface for 'College Management'. The main content area features a table titled 'College and Application form list table' with columns for Application F..., College Fees, Date Of Birth, Email, Hostel Fees, and StudentName. A single row is visible with the ID B-00005, email bantulakshman..., and student name mahesh babu. The right sidebar contains an 'Activity' section with buttons for 'New Event', 'New Task', 'Log a Call', and 'Email'. Below these buttons is a text input field 'Set up an event...' and an 'Add' button. The sidebar also includes filters for 'All time', 'All activities', and 'All types', along with 'Refresh', 'Expand All', and 'View All' options. The bottom of the interface shows a Windows taskbar with various application icons and a system clock indicating 12:12 PM on 1/18/2022.

Application F...	College Fees	Date Of Birth	Email	Hostel Fees	StudentName
1	B-00005		bantulakshman...	0	mahesh babu