

PROJECT : College Management Application.

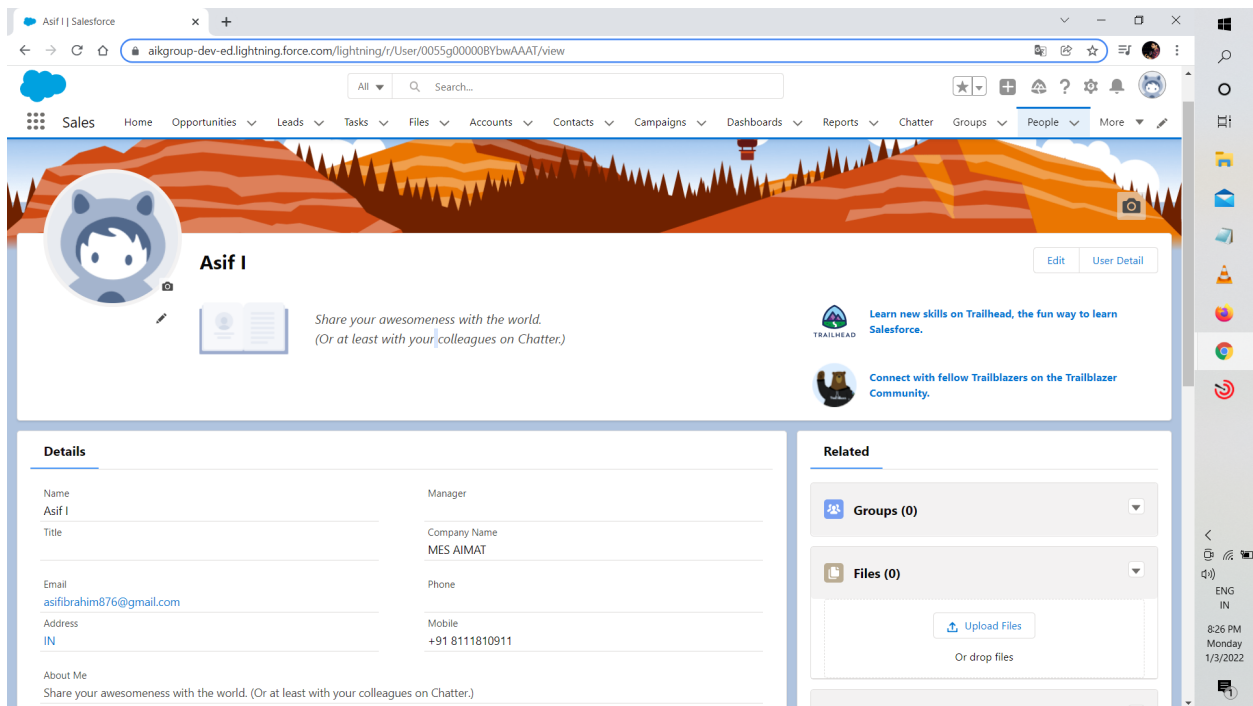
Day 1 :

Topic : Created Salesforce Developer Org

Milestone / Activities: Create Developer Account
Account activation
Login to Salesforce Org

Detailed Description: Created Developer Account and Activated it with essential details needed. Logged into the Salesforce Developer org/Account successfully.

Upload the Screenshot the Milestone / Activities :



Day 2 :

Topic : Custom object Creation.

Milestone / Activities: Creating custom object for the Application.
creating fields on college object.
creating fields on application form object.
creating fields on student object
creating fields on subject object.

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Detailed description:

Created custom object for College, Application Form, Subjects and for the Students. Created fields for each objects such as College, Application form, Subjects and Students. Created Global picklist value sets. created field dependencies, created validation rule on college object.

Upload the Screenshot the Milestone / Activities :

The image displays two screenshots of the Salesforce Object Manager interface, showing a list of custom objects created for a College Management Application. The interface includes a search bar, a 'Quick Find' button, and a 'Schema Builder' button. The table lists objects with columns for Label, API Name, Type, Description, Last Modified, and Deployed.

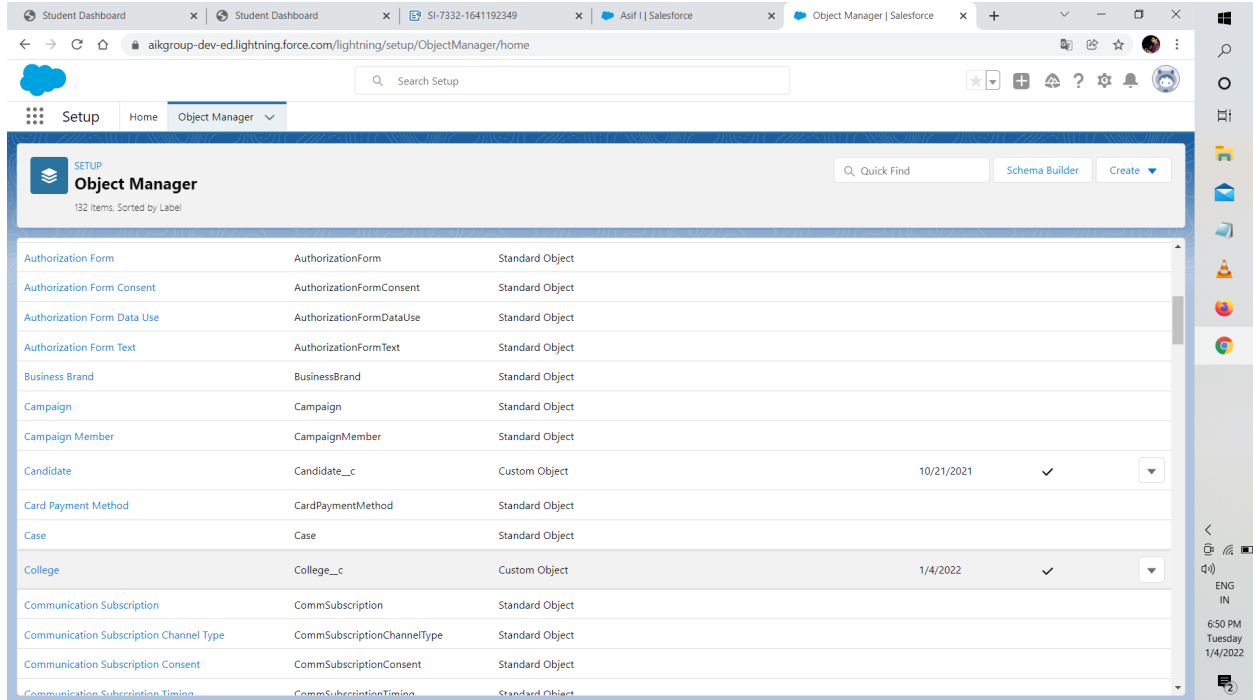
Top Screenshot:

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Account	Account	Standard Object			
Activity	Activity	Standard Object			
Alternative Payment Method	AlternativePaymentMethod	Standard Object			
API Anomaly Event Store	ApiAnomalyEventStore	Standard Object			
Application Form	Application_Form__c	Custom Object		1/4/2022	✓
Appointment Topic Time Slot	AppointmentTopicTimeSlot	Standard Object			
Asset	Asset	Standard Object			
Asset Action	AssetAction	Standard Object			
Asset Action Source	AssetActionSource	Standard Object			
Asset Relationship	AssetRelationship	Standard Object			
Asset State Period	AssetStatePeriod	Standard Object			
Assigned Resource	AssignedResource	Standard Object			
Associated Location	AssociatedLocation	Standard Object			
Authorization Form	AuthorizationForm	Standard Object			

Bottom Screenshot:

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Service Territory	ServiceTerritory	Standard Object			
Service Territory Member	ServiceTerritoryMember	Standard Object			
Service Territory Work Type	ServiceTerritoryWorkType	Standard Object			
Session Hijacking Event Store	SessionHijackingEventStore	Standard Object			
Skill Requirement	SkillRequirement	Standard Object			
Social Persona	SocialPersona	Standard Object			
Students	Students__c	Custom Object		1/4/2022	✓
Subjects	Subjects__c	Custom Object		1/4/2022	✓
Task	Task	Standard Object			
Time Slot	TimeSlot	Standard Object			
User	User	Standard Object			
User Provisioning Request	UserProvisioningRequest	Standard Object			
Work Order	WorkOrder	Standard Object			
Work Order Line Item	WorkOrderLineItem	Standard Object			

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Day 3:

Topic : Adding Business Logic To Application.

Milestone / Activities: Creating global picklist value.
Creating field dependencies.
creating validation rule on college object.
Process Automation.

Detailed Description:

Created Global picklist value sets.created field dependencies, created validation rule on college object.Created Process Automation.

Upload the Screenshot the Milestone / Activities :

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The screenshot displays two screenshots from the Salesforce Object Manager interface.

Screenshot 1 (Top): Shows the "College Validation Rule" configuration page. The left sidebar has tabs for "Details", "Fields & Relationships", "Page Layouts", "Lightning Record Pages", "Buttons, Links, and Actions", "Compact Layouts", "Field Sets", "Object Limits", "Record Types", "Related Lookup Filters", "Search Layouts", "Search Layouts for Salesforce Classic", "Restriction Rules", "Triggers", and "Validation Rules". The main area shows the "Validation Rule Detail" for the "College" object. It includes fields for Rule Name, Error Condition Formula, Error Message, Description, Created By, Active status, Error Location, and Modified By.

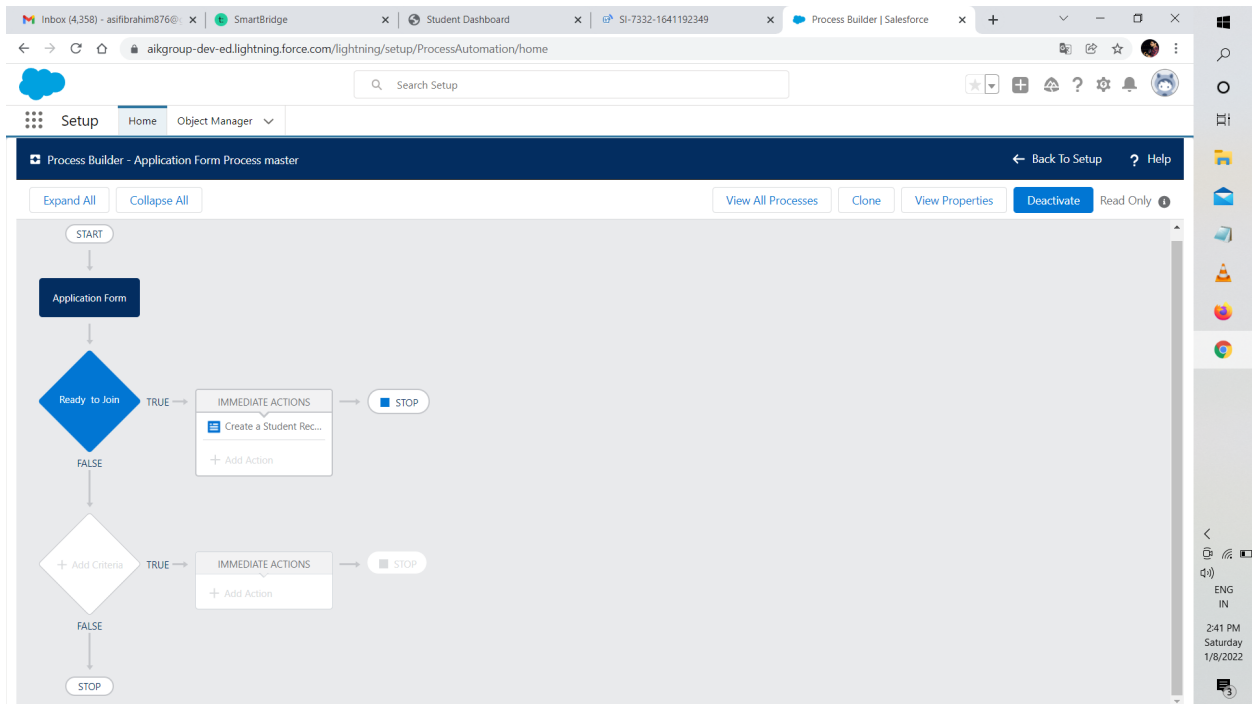
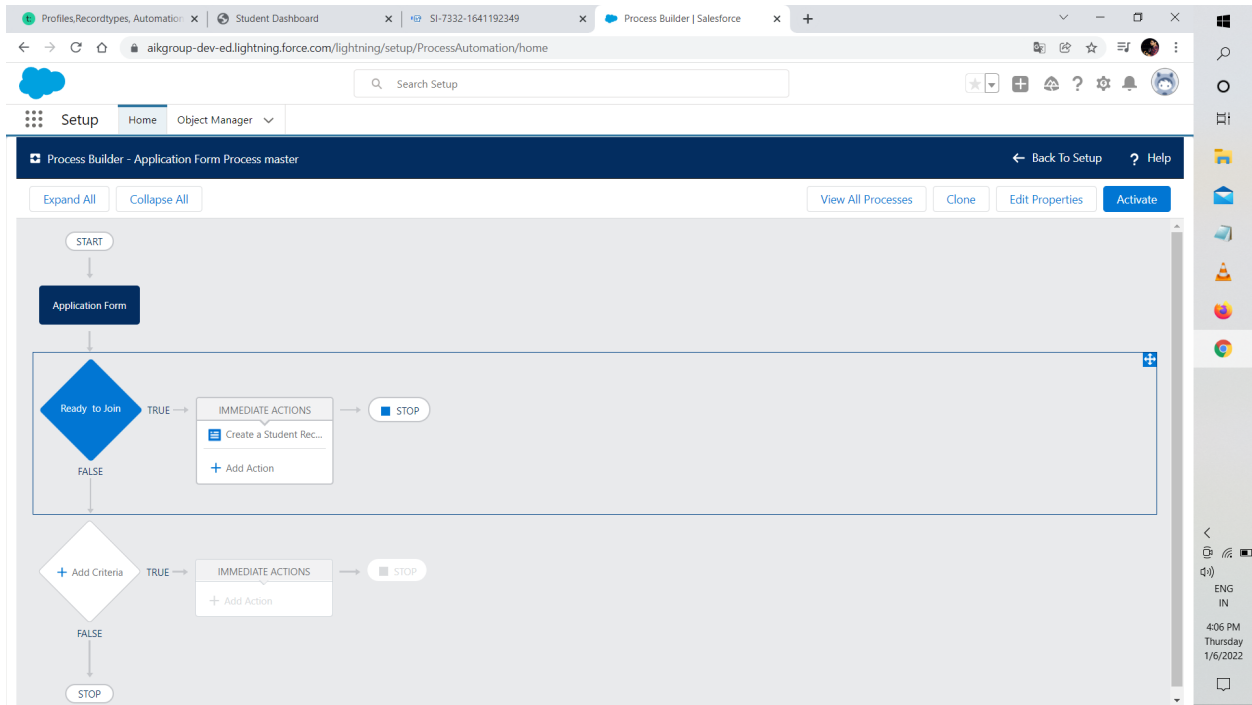
Validation Rule Detail		Active
Rule Name	College_Name_similar	✓
Error Condition Formula	TEXT(College_Name__c) <> Name	
Error Message	Please use the college name in record info	Error Location Top of Page
Description		
Created By	Ash L 1/5/2022, 4:48 AM	Modified By Ash L 1/5/2022, 4:48 AM

Screenshot 2 (Bottom): Shows the "Fields & Relationships" configuration page for the "College" object. The left sidebar is identical to the first screenshot. The main area shows a table of fields and their relationships.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Capacity Of Students	Capacity_Of_Students__c	Picklist	College Name	
College Fees	College_Fees__c	Currency(7, 2)		
College ID	College_ID__c	Auto Number		
College Name	College_Name__c	Picklist		
College Name	Name	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Email	Email__c	Picklist	College Name	
Hostel Fees	Hostel_Fees__c	Currency(6, 2)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓

6:25 PM
Wednesday
1/5/2022

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Day 4:

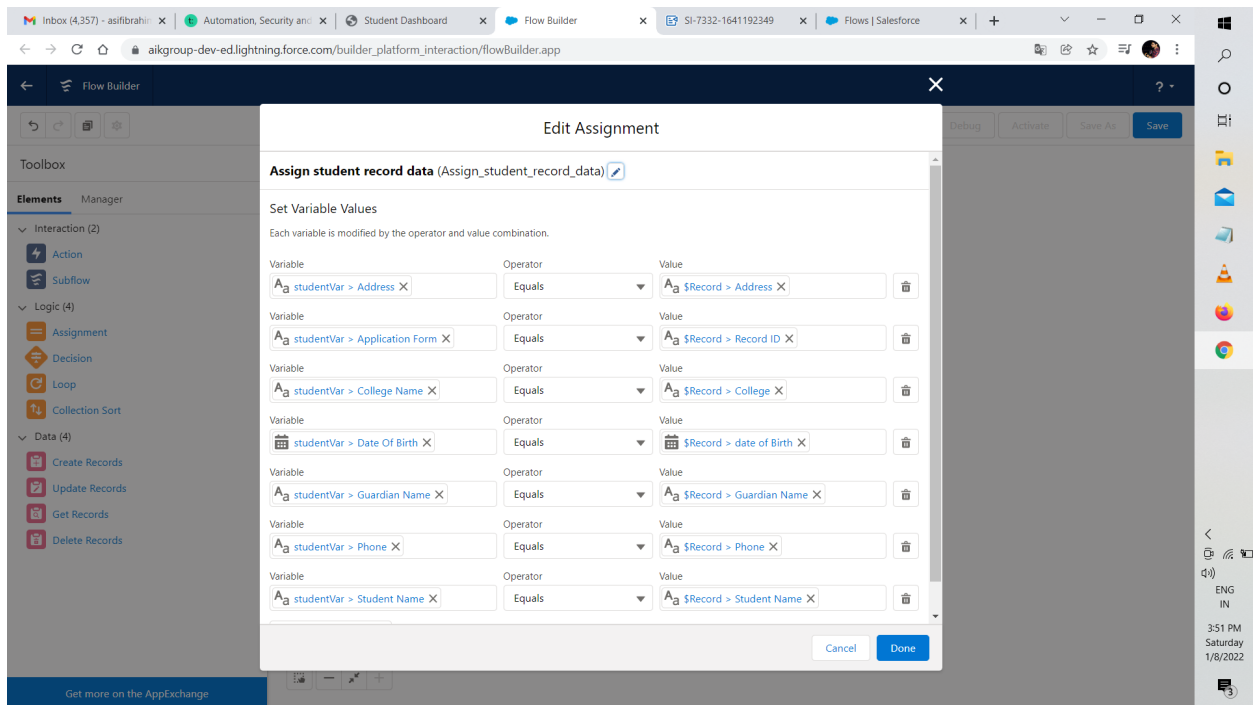
Topic : Adding Business Logic To Application.

Milestone / Activities: Creating Student Record using flow.

Detailed Description :

Created Student Record Using Flow -Added Assignments and Created records.

Upload the Screenshot the Milestone / Activities :



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The image displays two screenshots of the Salesforce Flow Builder interface, showing the configuration of a record-triggered flow for an Application Form.

Top Screenshot: The flow is titled "Application form record Trigger flow - V1". The flow starts with a "Start" event (Record-Triggered Flow) with the following configuration:

- Object: **Application Form**
- Trigger: **A record is updated**
- Conditions: **1**
- Optimize for: **Actions and Related Records**

The flow then proceeds to an "Assignment" step (Assign student record data) and finally to a "Create Records" step (create student record).

Bottom Screenshot: This screenshot shows the same flow configuration, but with the "Version 1: Inactive—Last modified a few seconds ago" status displayed. The flow steps and configuration are identical to the top screenshot.

Day 4 :

Topic : Batch Apex

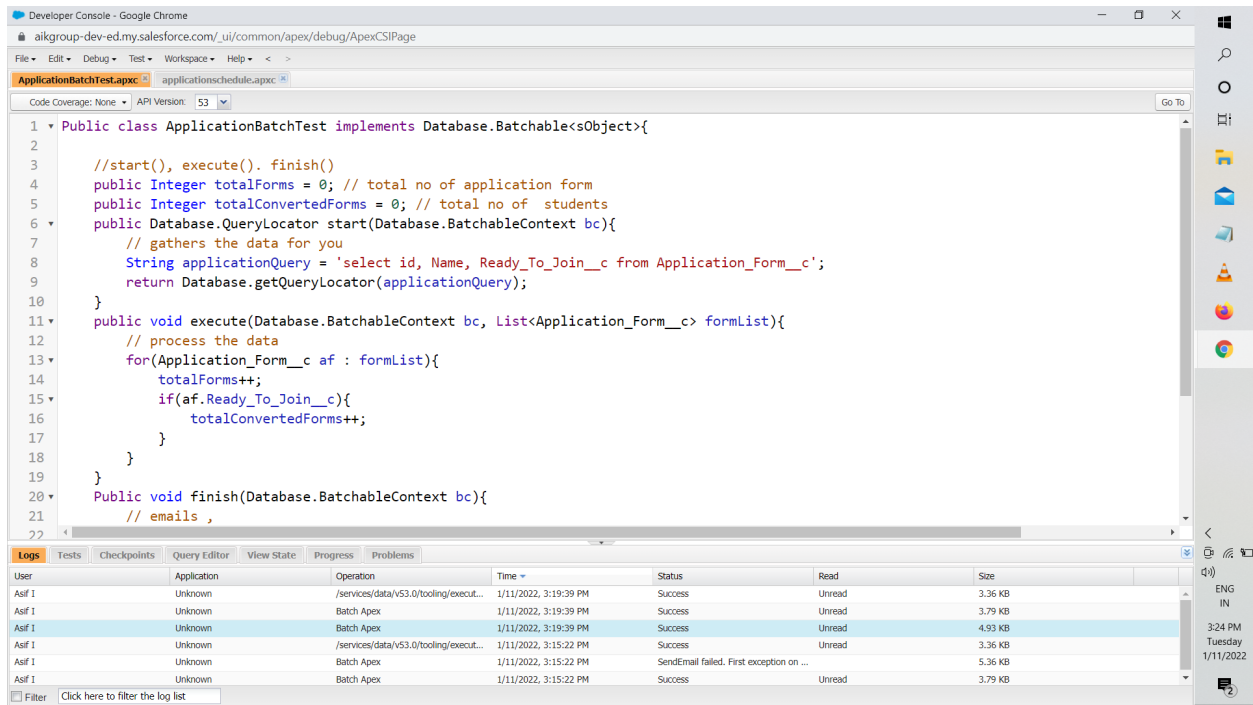
Milestone / Activities: Creating Batch Apex for Application Form.
Creating a Scheduler class.

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Detailed/Description :

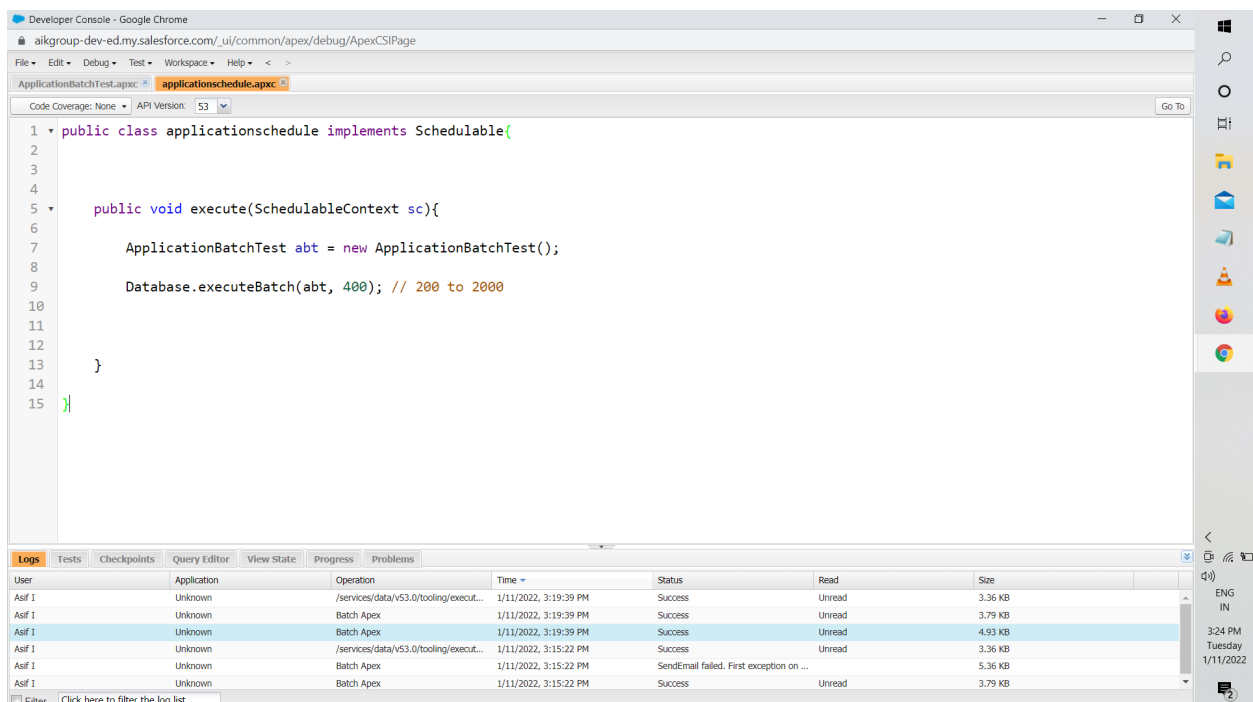
created batchApex and scheduler class for Application Form..Run Successfully.

Upload the Screenshot the Milestone / Activities :



The screenshot displays the Salesforce Developer Console with the `ApplicationBatchTest` class open. The class implements `Database.Batchable<Object>` and contains methods for `start`, `execute`, and `finish`. The `execute` method iterates through a list of `Application_Form__c` records, incrementing `totalForms` and `totalConvertedForms` based on the `Ready_To_Join__c` field. Below the code editor, the 'Logs' tab shows a table of execution logs.

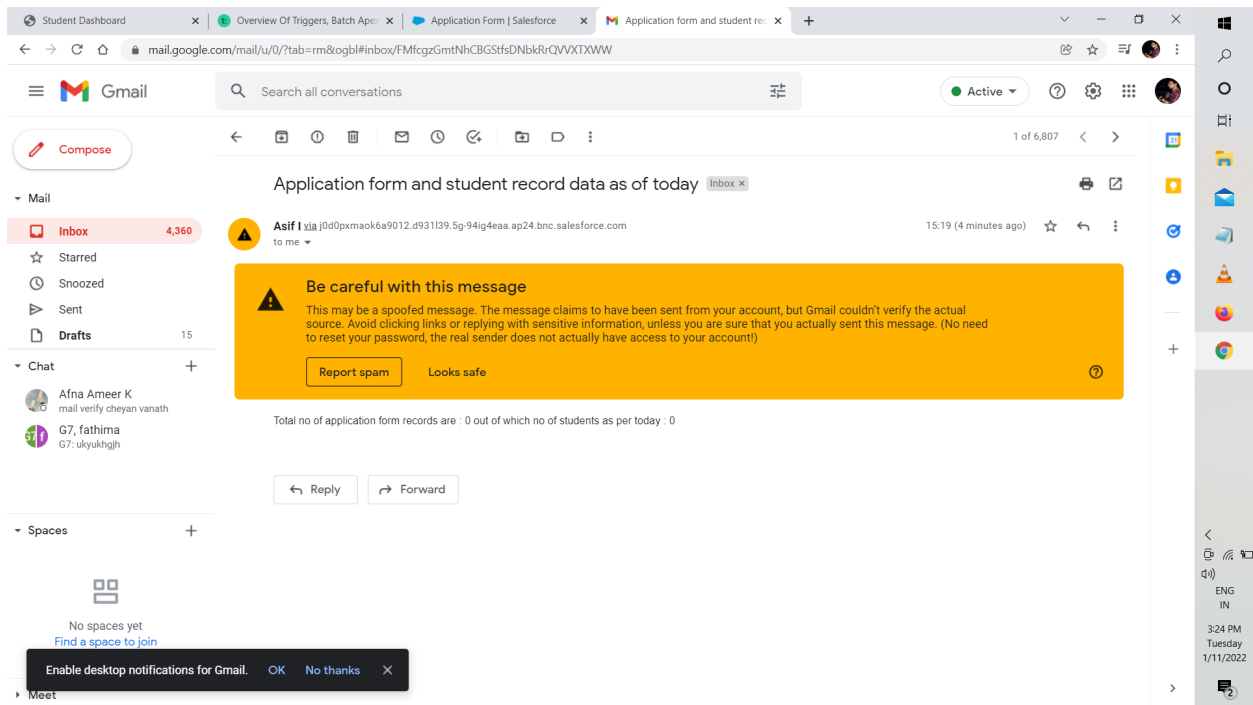
User	Application	Operation	Time	Status	Read	Size
Asif I	Unknown	/services/data/v53.0/tooling/execute...	1/11/2022, 3:19:39 PM	Success	Unread	3.36 KB
Asif I	Unknown	Batch Apex	1/11/2022, 3:19:39 PM	Success	Unread	3.79 KB
Asif I	Unknown	Batch Apex	1/11/2022, 3:19:39 PM	Success	Unread	4.93 KB
Asif I	Unknown	/services/data/v53.0/tooling/execute...	1/11/2022, 3:15:22 PM	Success	Unread	3.36 KB
Asif I	Unknown	Batch Apex	1/11/2022, 3:15:22 PM	SendEmail failed. First exception on ...	Unread	5.36 KB
Asif I	Unknown	Batch Apex	1/11/2022, 3:15:22 PM	Success	Unread	3.79 KB



The screenshot displays the Salesforce Developer Console with the `applicationschedule` class open. The class implements `Schedulable` and contains an `execute` method that creates an instance of `ApplicationBatchTest` and executes it as a batch job. Below the code editor, the 'Logs' tab shows a table of execution logs.

User	Application	Operation	Time	Status	Read	Size
Asif I	Unknown	/services/data/v53.0/tooling/execute...	1/11/2022, 3:19:39 PM	Success	Unread	3.36 KB
Asif I	Unknown	Batch Apex	1/11/2022, 3:19:39 PM	Success	Unread	3.79 KB
Asif I	Unknown	Batch Apex	1/11/2022, 3:19:39 PM	Success	Unread	4.93 KB
Asif I	Unknown	/services/data/v53.0/tooling/execute...	1/11/2022, 3:15:22 PM	Success	Unread	3.36 KB
Asif I	Unknown	Batch Apex	1/11/2022, 3:15:22 PM	SendEmail failed. First exception on ...	Unread	5.36 KB
Asif I	Unknown	Batch Apex	1/11/2022, 3:15:22 PM	Success	Unread	3.79 KB

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Day 5 :

Topic : Lightning Web Component

Milestone / Activities: Creating college Database Component Apex Class.
Creating college Database Component HTML File.
Creating college Database Component JavaScript File.
Creating college Database Component Meta File.

Detailed/Description :

created Apex class for college databse component successfully.
created HTML File for college databse component successfully.
created Java Script for college databse component successfully.
created Meta File for college databse component successfully.

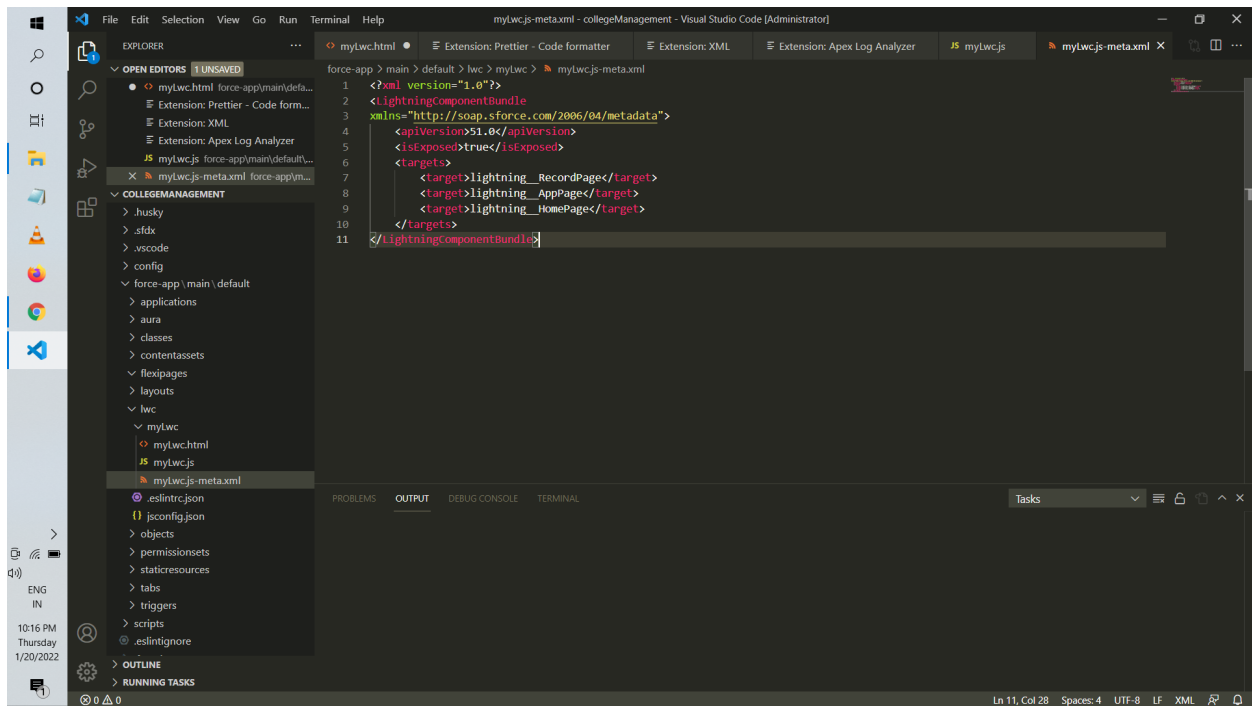
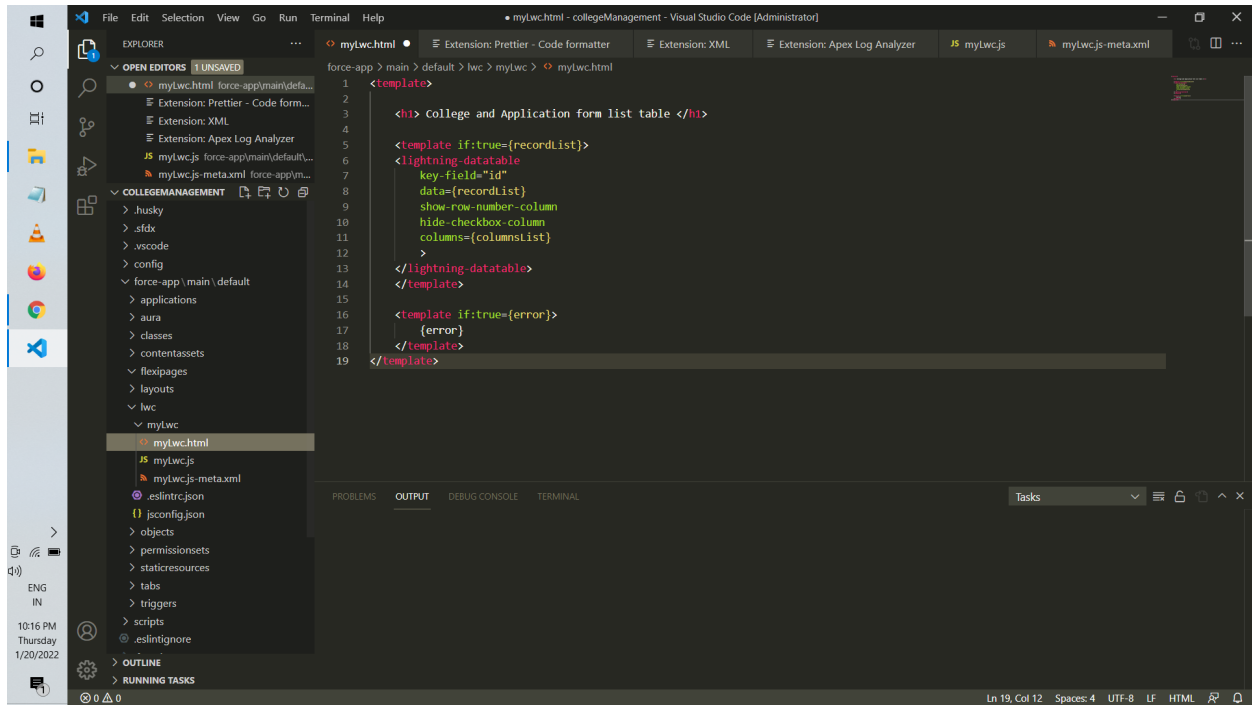
Upload the Screenshot the Milestone / Activities :

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```
1 public class GetApplicationDetails
2 {
3     @AuraEnabled(cacheable=true)
4     public static List<Application_Form__c> getApplicationValues(id CollegeId)
5     {
6
7         List<Application_Form__c> formList = [SELECT ID, College_Fees__c, Name,
8         Date_Of_Birth__c, Email__c, Hostel_Fees__c, Student_Name__c FROM
9         Application_Form__c WHERE College__c =:CollegeId];
10
11     return formList;
12 }
13
14
15
```

```
1 import { LightningElement, api, wire } from 'lwc';
2 import getApplicationValues
3 from '@salesforce/apex/GetApplicationDetails.getApplicationValues';
4 export default class collegeData extends LightningElement {
5     columnsList = [
6         {label: 'Application Form', fieldName: 'Name', type: 'text' },
7         {label: 'College Fees', fieldName: 'College_Fees__c', type: 'currency' },
8         {label: 'Date Of Birth', fieldName: 'Date_Of_Birth__c', type: 'date' },
9         {label: 'Email', fieldName: 'Email__c', type: 'email' },
10        {label: 'Hostel Fees', fieldName: 'Hostel_Fees__c', type: 'currency' },
11        {label: 'StudentName', fieldName: 'Student_Name__c', type: 'text' }
12    ];
13
14    @api recordId;
15    recordList;
16    error;
17
18    @wire(getApplicationValues, {collegeId: '$recordId'})
19    wiredCollegeData({data, error}){
20        if(data){
21            this.recordList = data;
22        }
23        else if(error){
24            this.error = error;
25            this.recordList = undefined;
26        }
27    }
28 }
```

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All Milestones are Uploaded are Uploaded and Completed Successfully.....!!!

