

Day 1:

Topic: creating salesforce developer org to get started

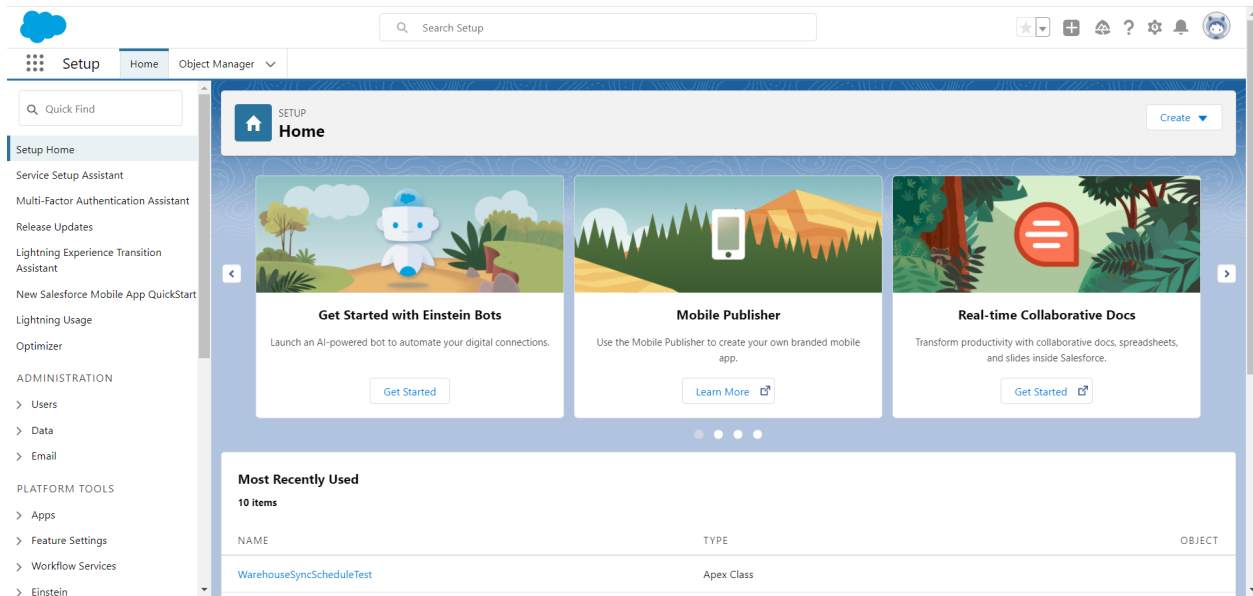
Activities:

1. Creating Developer Account
2. Account Activation
3. Login to your salesforce account

Detailed Description:

1. Go to salesforce.com and click on login.
 2. Enter the username and password that you just created.
 3. After login this is the home page which you will see.
- I have account in my laptop so I directly entered into salesforce account

Screenshots:



Day 2:

Topic : Custom Object Creation

Activities :

- 1.Create custom object for the applications
- 2.Create fields on college objects
- 3.Create fields on Application form object
- 4.Create field on student object
- 5.Create field on subject object

Detailed Description :

To create custom object in Salesforce, perform the following steps:

- Log in to your Salesforce account.
- Click **Setup** at the upper-right corner.
- Under the **Build** section, click **Create** and select **Objects**.
- To create a custom object, click **New Custom Object**.
- Enter the name of the Custom Object in **Label**, **Plural Label**, and **Object Name**.

Screen Shots :

College Object:

Setup

Home

Object Manager

Search Setup

SETUP > OBJECT MANAGER

College

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

Fields & Relationships

10 Items. Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

Capacity Of Students	Capacity_Of_Students__c	Picklist		
College Fees	College_Fees__c	Currency(7, 2)		
College Name	College_Name__c	Picklist		
College Name	Name	Text(80)	✓	
Created By	CreatedById	Lookup(User)		
Email	Email__c	Picklist		
Hostel Fees	Hostel_Fees__c	Currency(6, 2)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)	✓	
Record Info	Record_Info__c	Text(40)		

Application Form:

Setup

Home

Object Manager

Search Setup

SETUP > OBJECT MANAGER

Application Form

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

Fields & Relationships

15 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	Application_Form_ID__c	Auto Number		
Application Form Name	Name	Text(80)		✓
College	College__c	Master-Detail(College)		✓
College Fees	College_Fees__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)		

Want a Direct Ticket to Salesforce? x Student Dashboard x Application Form | Salesforce x SI-7871-1641360882 x How to Create and Configure a C x +

creative-bear-7l6k2j-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115g000002vCIB/FieldsAndRelationships/view

Apps CSE MADE EASY BY... loop Go to Course YouTube Maps What are different L... Welcome to Python... Python: Intro and A... Reading list

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Application Form

Details

Fields & Relationships 15 Items. Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

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)	
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)	

EP-A.v0.16392152...mp4 63.1/122 MB, 3 hours left Show all

Type here to search 26°C Haze 08:13 PM 08-01-2022

Student Object:

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Student

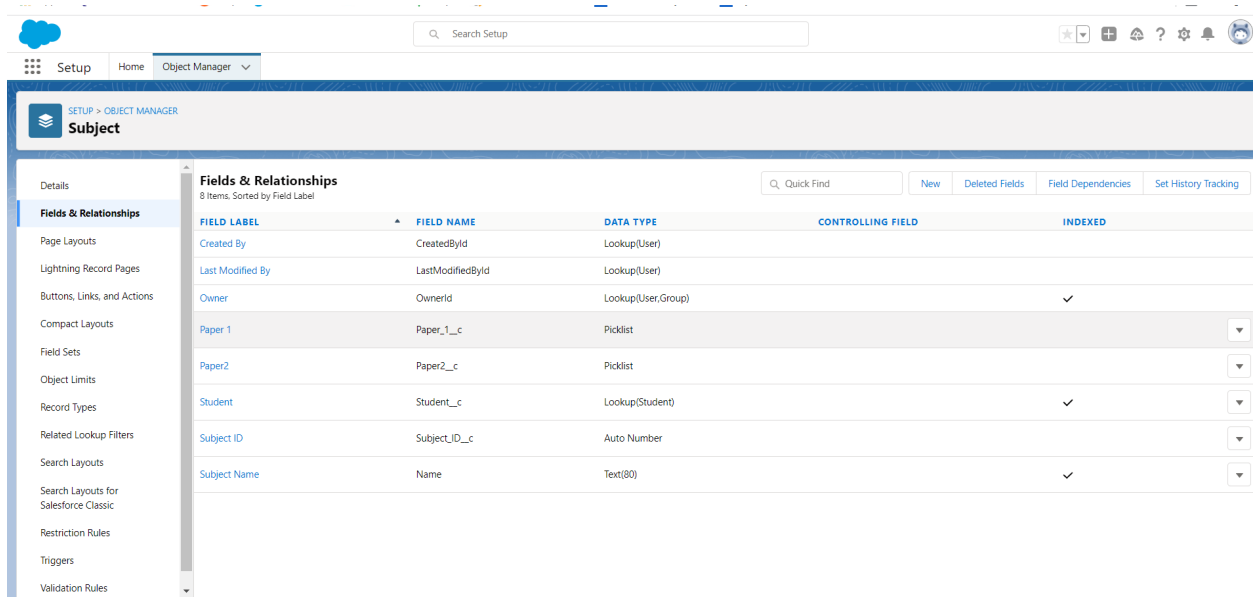
Details

Fields & Relationships 11 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)		✓
College Name	College_Name__c	Formula (Text)		
Created By	CreatedById	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		
Student Name	Student_Name__c	Text(50)		
Students Name	Name	Text(80)		✓

Subject object:



Day 3:

Topic: Adding Business logic for the application

Activities :

1. Creating Global Picklist Value Sets
2. Creating Field Dependencies
3. Creating Validation Rules
4. Process Automation
5. Create The Student Record Using Flow

Detailed Description :

Here are the steps in creating a global picklist:

1. Navigate to Setup, then click Create.
2. Select Picklists from the drop-down menu.
3. The Global Picklists page will pop out. Select New to start creating a new picklist.
4. Enter a name for the Label and the Developer Name. In the example above, the admin may use the name City for both fields. Note that Developer Name will become the picklist's actual name.
5. Enter a description for the picklist (optional).
6. Hit Save. A details page will then appear. The user will see three lists: Picklist

Value Set, Inactive Picklist Values, and Fields Where Used.

7. Click on the New button on the Picklist Value Set. Enter a new value for the list. In this case, enter the names of cities separately per line. Once done, hit Save.

Creating a field dependency fields

To create field dependency

- Go to setup menu and select the object you want to create field dependency.
- Click on field dependency button

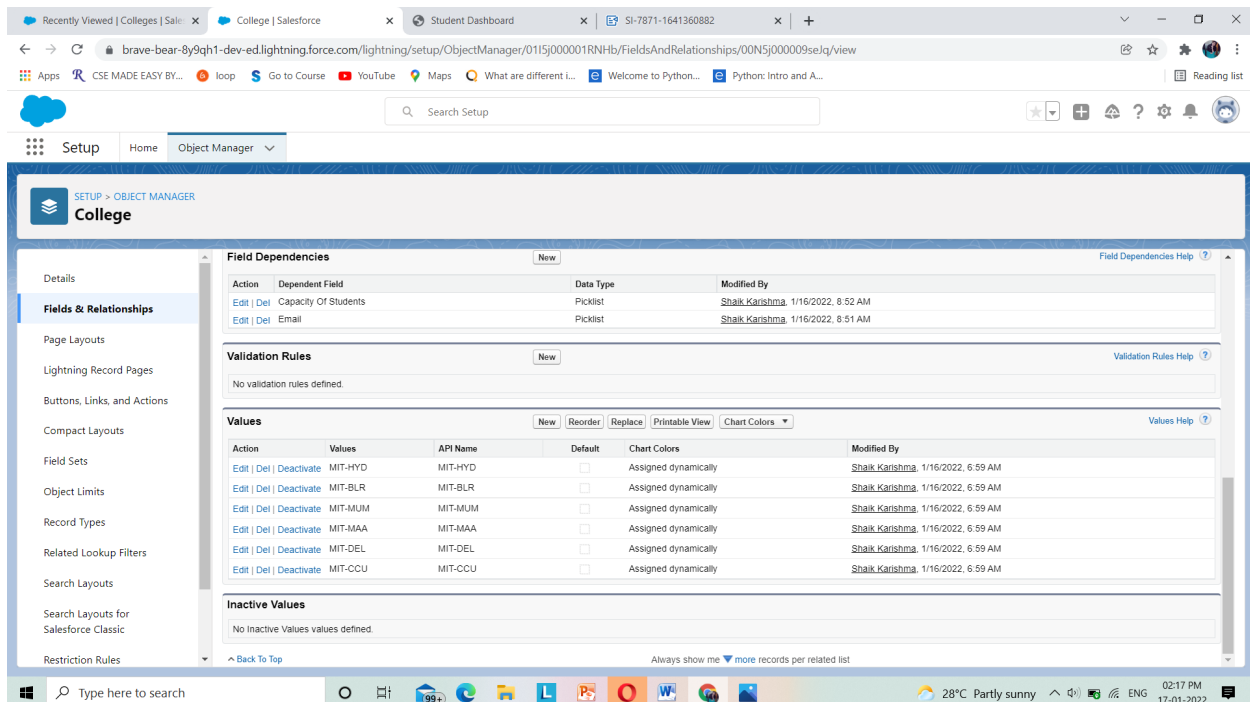
Creating validation rules

1. From Setup, go to Object Manager and click **Account**.
2. In the left sidebar, click **Validation Rules**.
3. Click **New**.

Screenshots :

global picklist:

college:



The screenshot shows the Salesforce Setup interface for the 'College' object. The left sidebar contains navigation links: Details, Fields & Relationships (selected), 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, and Restriction Rules. The main content area is divided into three sections: Field Dependencies, Validation Rules, and Values. The Field Dependencies section shows two entries: Capacity Of Students and Email, both of type Picklist. The Validation Rules section shows no rules defined. The Values section shows a table of picklist values for the College object.

Action	Values	API Name	Default	Chart Colors	Modified By
Edit Del Deactivate	MIT-HYD	MIT-HYD	<input type="checkbox"/>	Assigned dynamically	Shaik Karishma 1/16/2022, 6:59 AM
Edit Del Deactivate	MIT-BLR	MIT-BLR	<input type="checkbox"/>	Assigned dynamically	Shaik Karishma 1/16/2022, 6:59 AM
Edit Del Deactivate	MIT-MUM	MIT-MUM	<input type="checkbox"/>	Assigned dynamically	Shaik Karishma 1/16/2022, 6:59 AM
Edit Del Deactivate	MIT-MAA	MIT-MAA	<input type="checkbox"/>	Assigned dynamically	Shaik Karishma 1/16/2022, 6:59 AM
Edit Del Deactivate	MIT-DEL	MIT-DEL	<input type="checkbox"/>	Assigned dynamically	Shaik Karishma 1/16/2022, 6:59 AM
Edit Del Deactivate	MIT-CCU	MIT-CCU	<input type="checkbox"/>	Assigned dynamically	Shaik Karishma 1/16/2022, 6:59 AM

Below the Values table is the Inactive Values section, which shows no inactive values defined.

paper1:

Recently Viewed | Colleges | Salesforce | Student Dashboard | SI-7871-1641360882

brave-bear-8y9qh1-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000001RNH7/FieldsAndRelationships/00N5j000009se7p/view

Setup | Home | Object Manager

Subject

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

Picklist Values Used
Active and inactive picklist values 4 (1,000 max)

Field Dependencies [New](#) [Field Dependencies Help](#)

No dependencies defined.

Validation Rules [New](#) [Validation Rules Help](#)

No validation rules defined.

Values [New](#) [Reorder](#) [Replace](#) [Printable View](#) [Chart Colors](#) [Values Help](#)

Action	Values	API Name	Default	Chart Colors	Modified By
Edit Del Deactivate	APEX	APEX	<input type="checkbox"/>	Assigned dynamically	Shaik Karishma 1/16/2022, 6:39 AM
Edit Del Deactivate	JAVA	JAVA	<input type="checkbox"/>	Assigned dynamically	Shaik Karishma 1/16/2022, 6:39 AM
Edit Del Deactivate	C	C	<input type="checkbox"/>	Assigned dynamically	Shaik Karishma 1/16/2022, 6:39 AM
Edit Del Deactivate	C++	C++	<input type="checkbox"/>	Assigned dynamically	Shaik Karishma 1/16/2022, 6:39 AM

Inactive Values

No Inactive Values values defined.

[Back To Top](#) Always show me [more records per related list](#)

Type here to search

28°C Partly sunny 02:16 PM 17-01-2022

paper 2:

Recently Viewed | Colleges | Salesforce | Student Dashboard | SI-7871-1641360882

brave-bear-8y9qh1-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000001RNH7/FieldsAndRelationships/00N5j000009seAq/view

Setup | Home | Object Manager

Subject

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

Picklist Values Used
Active and inactive picklist values 3 (1,000 max)

Field Dependencies [New](#) [Field Dependencies Help](#)

No dependencies defined.

Validation Rules [New](#) [Validation Rules Help](#)

No validation rules defined.

Values [New](#) [Reorder](#) [Replace](#) [Printable View](#) [Chart Colors](#) [Values Help](#)

Action	Values	API Name	Default	Chart Colors	Modified By
Edit Del Deactivate	MATHEMATICS	MATHEMATICS	<input type="checkbox"/>	Assigned dynamically	Shaik Karishma 1/16/2022, 6:40 AM
Edit Del Deactivate	ENGLISH	ENGLISH	<input type="checkbox"/>	Assigned dynamically	Shaik Karishma 1/16/2022, 6:40 AM
Edit Del Deactivate	STATISTICS	STATISTICS	<input type="checkbox"/>	Assigned dynamically	Shaik Karishma 1/16/2022, 6:40 AM

Inactive Values

No Inactive Values values defined.

[Back To Top](#) Always show me [more records per related list](#)

Type here to search

28°C Partly sunny 02:17 PM 17-01-2022

field dependencies:

Setup Home Object Manager

SETUP > OBJECT MANAGER
College

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

College Field Dependencies

[Back to Custom Object: College](#)

This page allows you to define dependencies between fields (e.g., dependent picklists).

Field Dependencies [New](#)

Action	Controlling Field	Dependent Field	Modified By
Edit Del	College Name	Email	Shaik Karishma 1/16/2022, 8:51 AM
Edit Del	College Name	Capacity Of Students	Shaik Karishma 1/16/2022, 8:52 AM

validation values:

college object:

Student Dashboard College | Salesforce Shayad Create a validation rule on the co... +

brave-bear-8y9gh1-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000001RNHb/ValidationRules/view

Apps CSE MADE EASY BY... loop Go to Course YouTube Maps What are different L... Welcome to Python... Python: Intro and A... Reading list

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER
College

Details

Validation Rules [New](#)

2 Items, Sorted by Rule Name

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
college_name	Top of Page	else false	✓	Shaik Karishma, 1/16/2022, 8:56 AM
record_info	Top of Page	else false	✓	Shaik Karishma, 1/16/2022, 8:57 AM

Type here to search

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Application form object:

Student Dashboard | Application Form | Salesforce | Shayad | Create a validation rule on the co | +

brave-bear-8y9qh1-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000001RNJD/ValidationRules/view

Application Form

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

Validation Rules
1 Items, Sorted by Rule Name

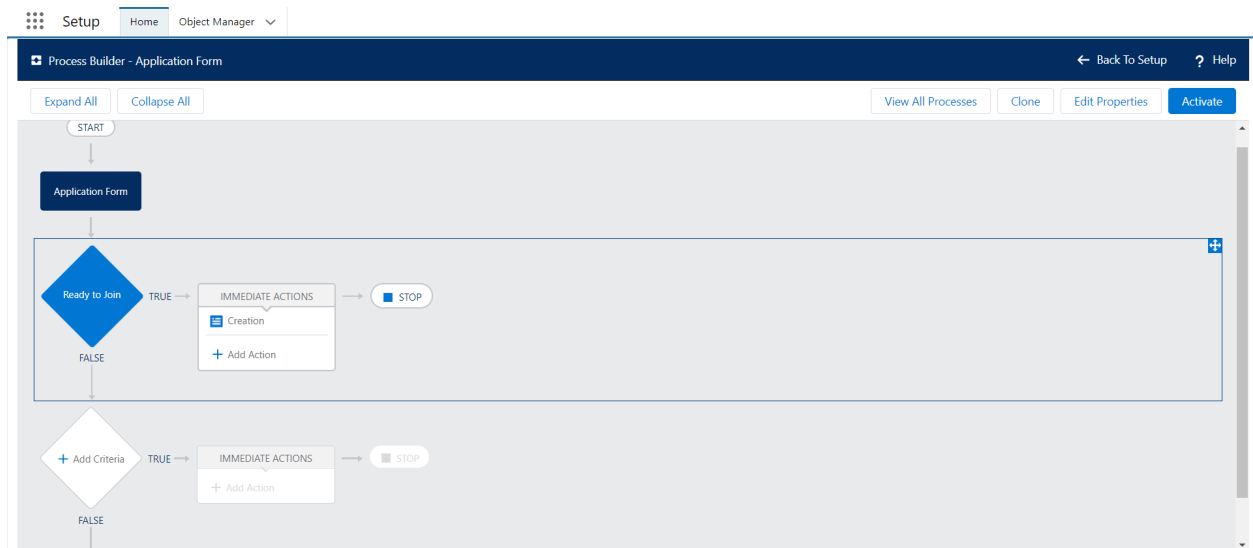
RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
Application_form	Top of Page	else false	✓	Shaik Karishma, 1/16/2022, 8:59 AM

Type here to search

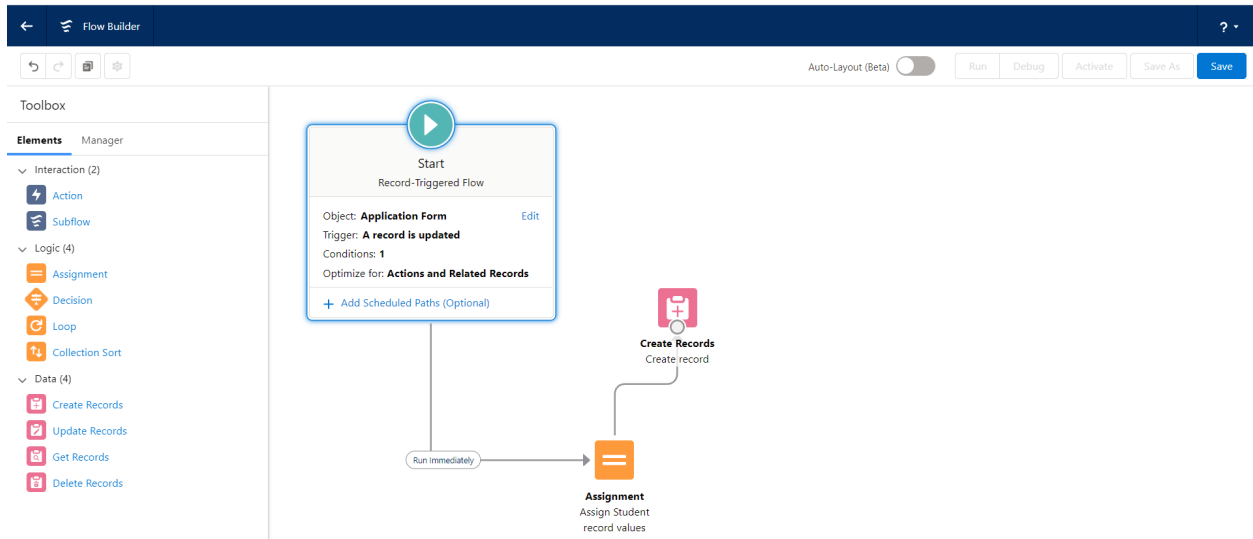
24°C Haze

10:29 PM 16-01-2022

Process Builder :



Flow builder :



Day 4

Topics: Batch Apex

Activites:

- 1.Create A Batchapex For Application Form
- 2.Create A Scheduler Class

Detailed Description :

1. From the developer console create a new apex class and enter the code.

Batch Apex:

Batch Apex is used to run large jobs (think thousands or millions of records!) that would exceed normal processing limits. Using Batch Apex, you can process records asynchronously in batches (hence the name, "Batch Apex") to stay within platform limits. If you have a lot of records to process, for example, data cleansing or archiving, Batch Apex is probably your best solution.

To write a Batch Apex class, your class must implement the Database.Batchable

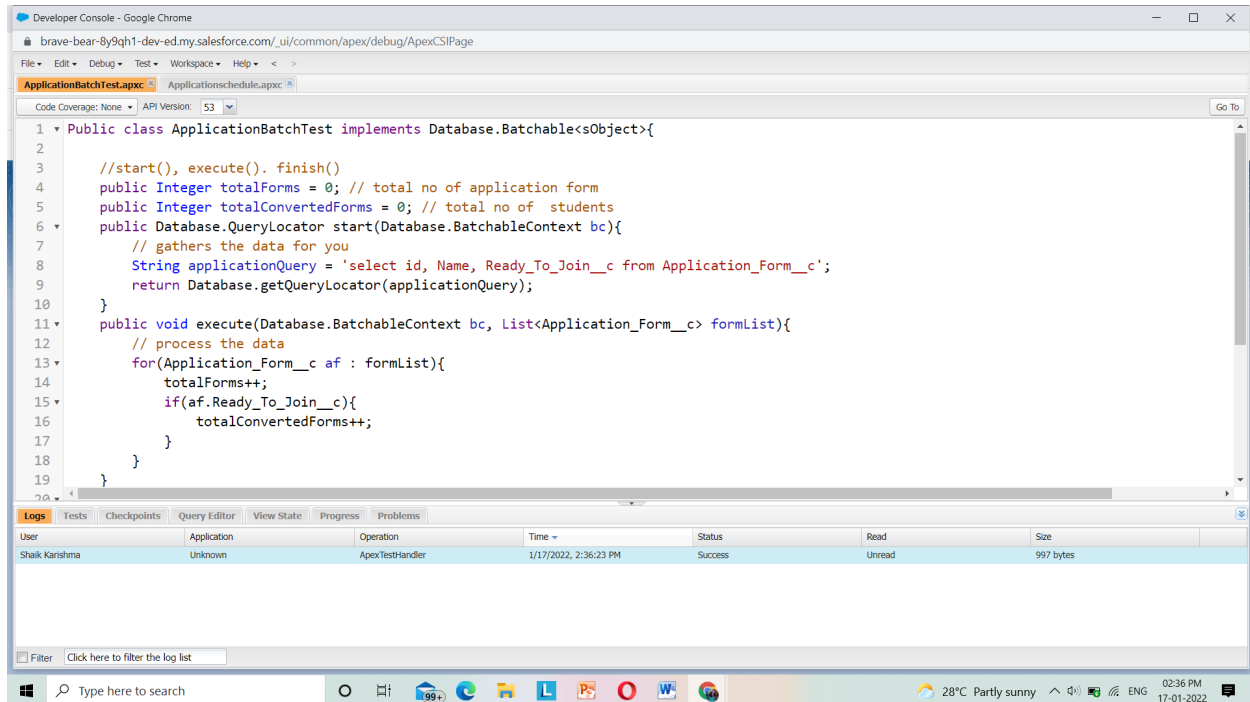
interface and include the following three methods:

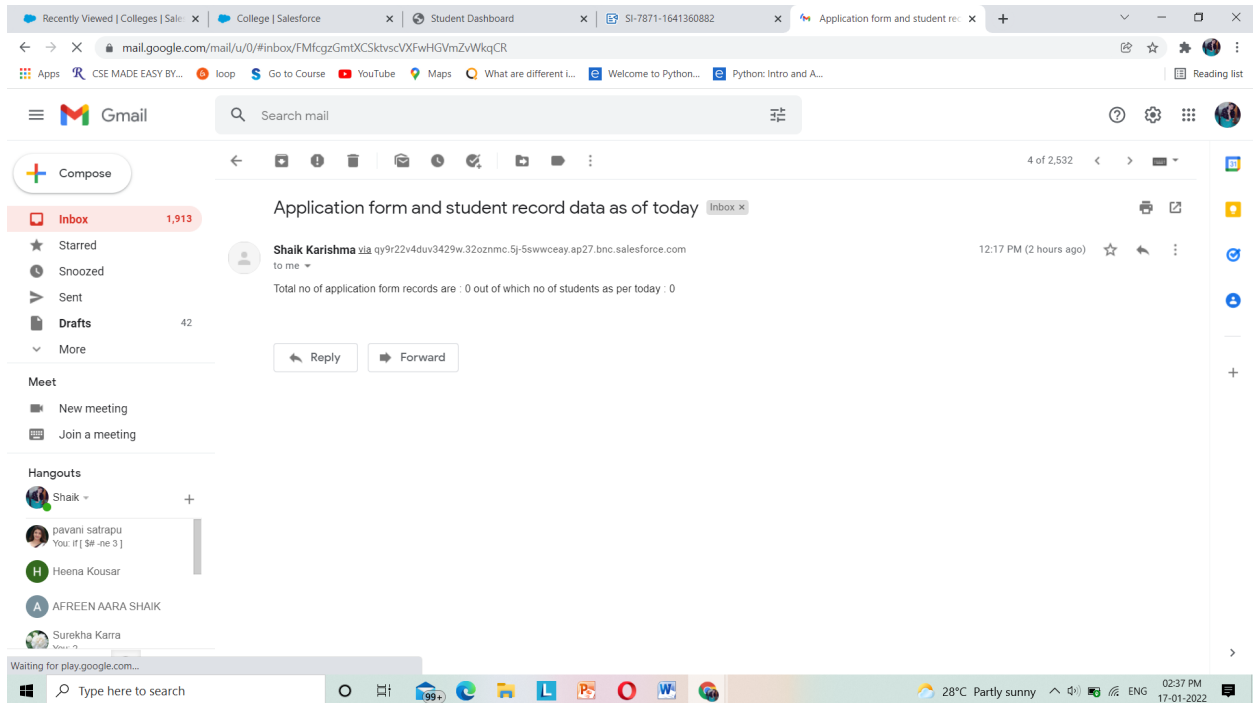
Start

Execute

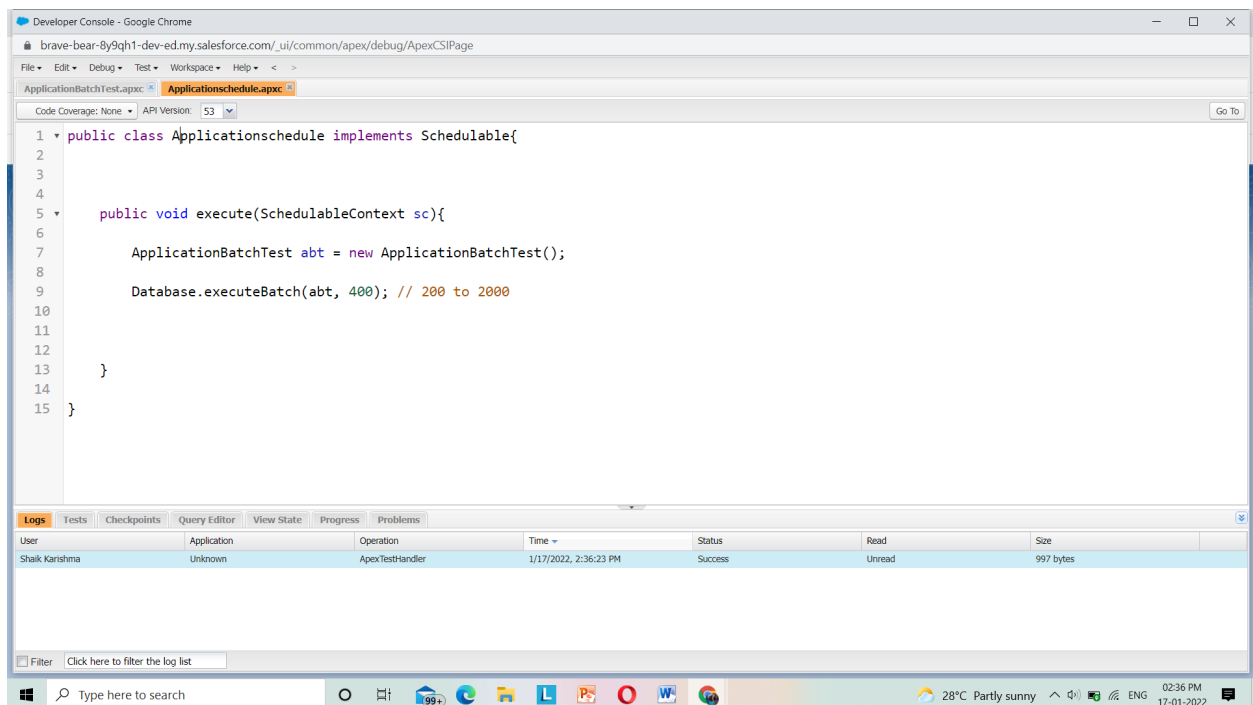
Finish

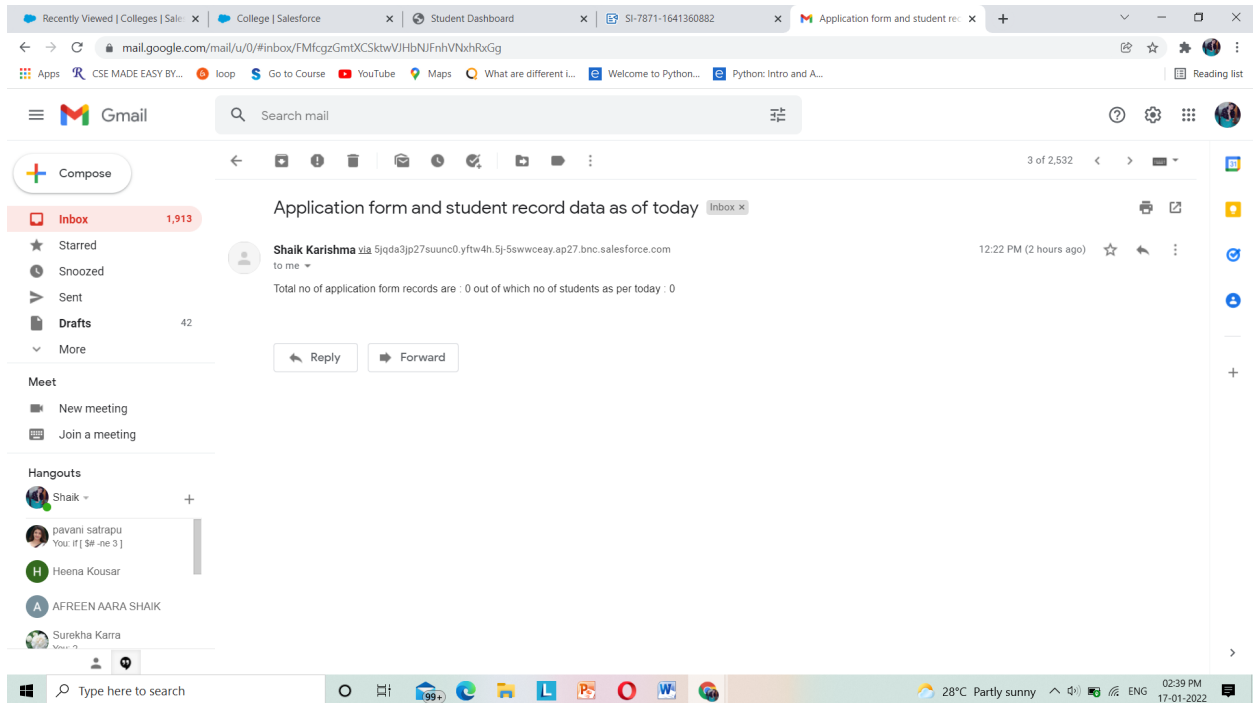
ScreenShots :





Scheduler Class:





Day 5-

Topics : Lightning Web Components

Activites :

Create College DataTable Component(APEX CLASS)

Create College DataTable Component (HTML FILE)

Create College DataTable Component(JAVA SCRIPT FILE)

Create College DataTable Component(META FILE)

Description :

Apex is a **strongly typed, object-oriented programming language** that allows developers to execute flow and transaction control statements on the Salesforce platform. If you're used to Java or . NET development, you'll find the programming in

Apex fairly straightforward.

We will copy all the files(HTML,Js,Meta) to vs and then link the vseditor to salesforce org

ScreenShots:

WhatsApp

Hands-On Orgs

MIT-

← → ↻ 🔒 brave-bear-qtvtz8-dev-ed.lightning.force.com/lightning/r/College

Apps


Gmail

YouTube

Your Journey2Salesf...

Upstox Pro

Kite




All 🔽 🔍

College Management

College 🔽

Application Forms 🔽

Stud

 College

MIT-MAA

DataTable

College and Application form list table


	Application Form 🔽	College Fees 🔽	date of Birth 🔽
1	abcd	\$500,000.00	Jan 7, 2022
2	stunt	\$500,000.00	Jan 7, 2022
3	klaus	\$500,000.00	Jan 5, 2005
4	elaja	\$500,000.00	Jan 11, 2022


Related

Details

College Name


MIT-MAA




 Ow


Record Info


MIT-MAA




 College Fees

\$500,000.00



 Hostel Fees

\$100,000.00



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EXPLORER

OPEN EDITORS

- JS DataTable.js force-app/main/default/...

DATA TABLE

- husky
- sfdx
- vscode
- config
- force-app/main/default
 - applications
 - aura
 - classes
 - contentassets
 - flexipages
 - layouts
 - lwc
 - eslintrc.json
 - DataTable.html
 - JS DataTable.js**
 - DataTable.js-meta.xml
 - jsconfig.json
 - objects
 - permissionsets
 - staticresources
 - tabs
 - triggers
 - scripts
- eslintignore
- forceignore
- gitignore
- prettierignore

JS DataTable.js

```
force-app > main > default > lwc > JS DataTable.js
1 import { LightningElement, api, wire } from 'lwc';
2 import getApplicationValues
3 from '@salesforce/apex/GetApplicationDetails.getApplicationValues';
4 export default class DataTable 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 }
```

EXPLORER

OPEN EDITORS

- JS DataTable.js-meta.xml force-app/...

DATA TABLE

- husky
- sfdx
- vscode
- config
- force-app/main/default
 - applications
 - aura
 - classes
 - contentassets
 - flexipages
 - layouts
 - lwc
 - eslintrc.json
 - DataTable.html
 - JS DataTable.js
 - JS DataTable.js-meta.xml**
 - jsconfig.json
 - objects
 - permissionsets
 - staticresources
 - tabs
 - triggers
 - scripts
- eslintignore
- forceignore
- gitignore
- prettierignore

JS DataTable.js-meta.xml

```
force-app > main > default > lwc > JS DataTable.js-meta.xml
1 <?xml version="1.0"?>
2 <LightningComponentBundle
3     xmlns="http://soap.sforce.com/2006/04/metadata">
4     <apiVersion>51.0</apiVersion>
5     <isExposed>true</isExposed>
6     <targets>
7         <target>lightning_RecordPage</target>
8         <target>lightning_AppPage</target>
9         <target>lightning_HomePage</target>
10    </targets>
11 </LightningComponentBundle>
```