Project : College Management Application

Day-1 :

Topic: Create Your Salesforce Developer Org To Get Started

Milestone/Activities : Creating Developer account, Account activation, Login to your Salesforce Account

Description :

Creating a developer org in salesforce :

1. Go to developers.salesforce.com/
2. Click on sign up.
3. On the sign up form, enter the following details :
   1. First name : Sriteja & Last name : Valaboju
   2. Email : sritejavalaboju000@gmail.com
   3. Role : Developer
   4. Company : Chaitanya Institute of Technology and Science
   5. County : India
   6. Postal Code : 506015
   7. Username : sriteja@chaitanyainstitute.com
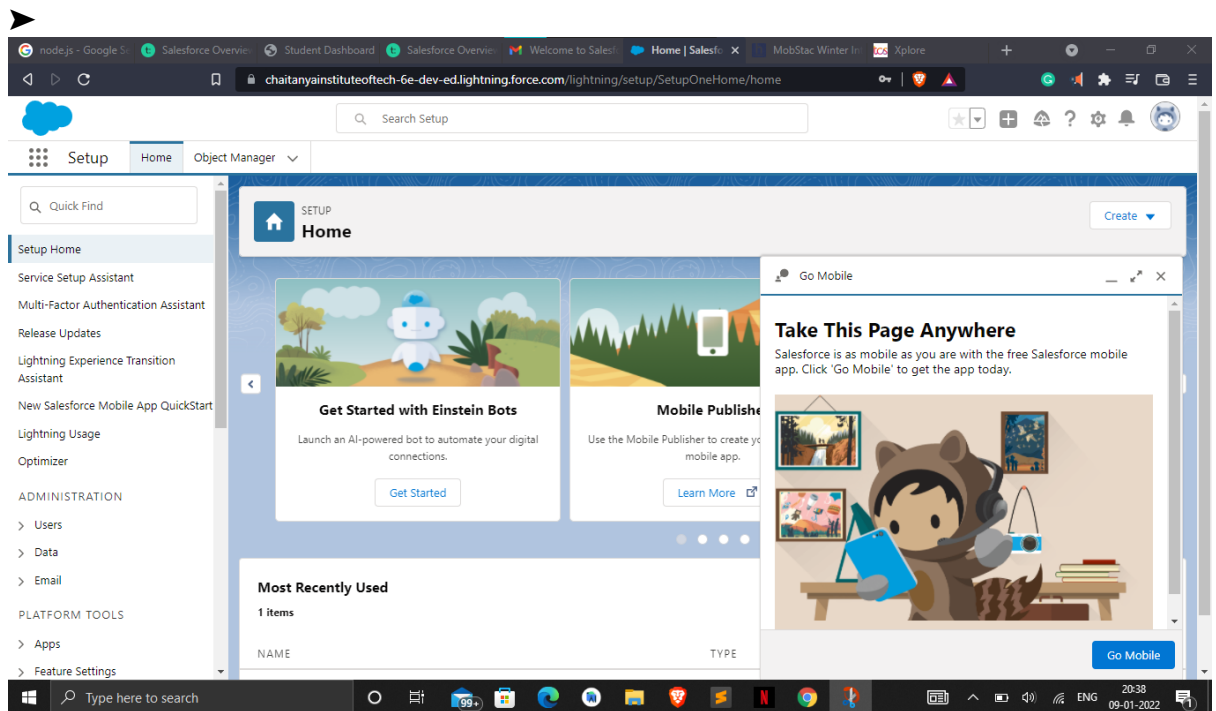
Click on sign up after filling these.

Account Activation   :
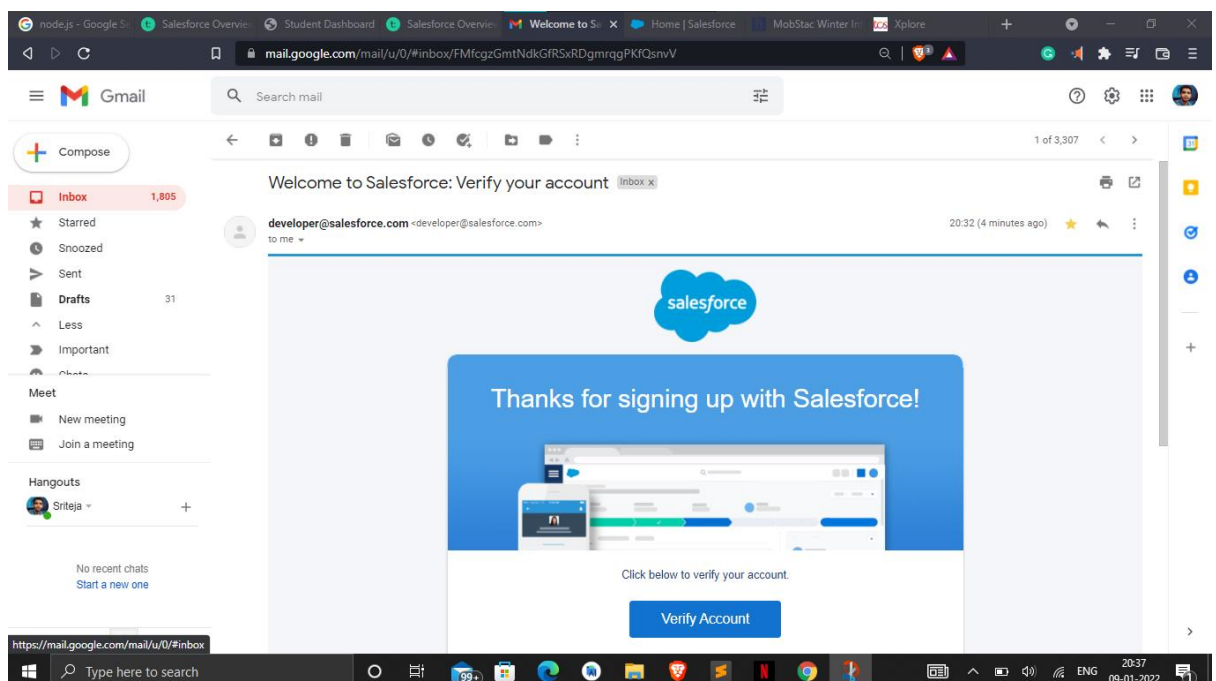
- Verified mail account and activated the account.

Login to your Salesforce Customer Account :

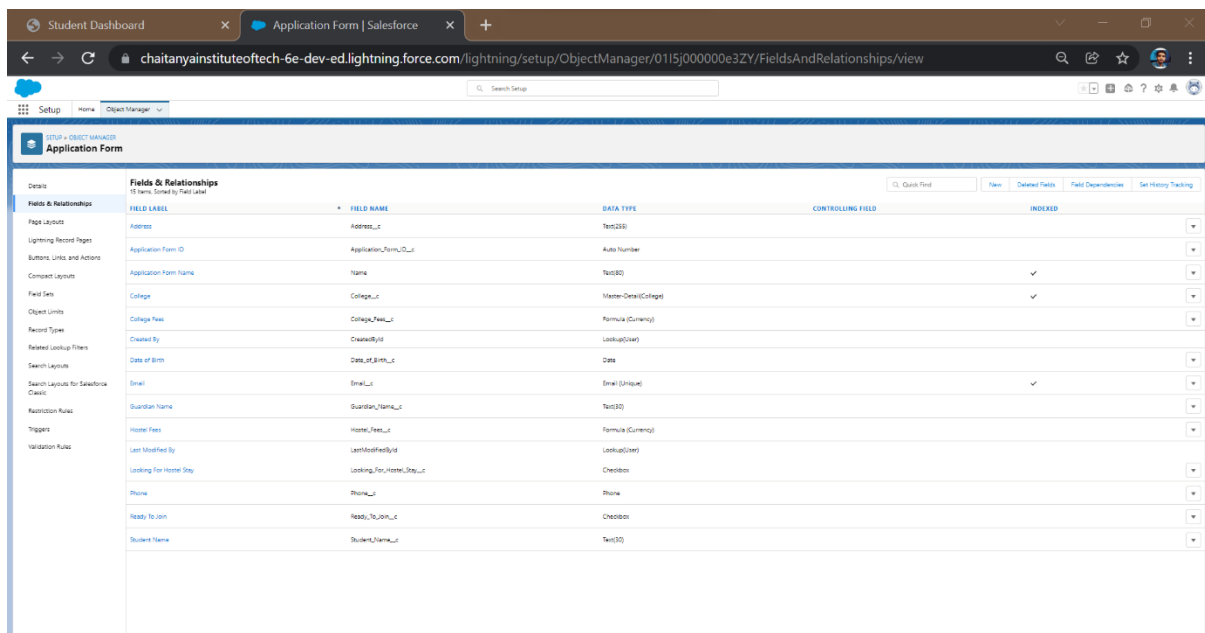➤ Logged into salesforce account using https://login.salesforce.com/ link.

➤

Day-2 :

Topic: Custom Object Creation

Milestone/Activities : Create the custom objects for the Application, Create Fields on college object
Description :
Created a College custom object and created Fields for the custom object College.
Fields for College are:

➤ Record Info

➤ College Name

➤ Email

➤ College Fees

➤ Hostel Fees

➤ Capacity of Students

➤ Validation Rules

Student Dashboard   College | Salesforce   +

chaitanyainstituteoftech-6e-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01I5j000000e3ZE/FieldsAndRelationships/view

Search Setup

Setup   Home   Object Manager ∨

SETUP > OBJECT MANAGER
College

Fields & Relationships
10 Items, Sorted by Field Label

Quick Find   New   Deleted Fields   Field Dependencies   Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED	
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(50)			▼

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
Validation Rules

Day-3 :

Topic: Custom Object Creation

Milestone/Activities : Create the custom objects for the Application Form, Student, Subject, Create Fields on Application Form object,Student object,Subject object, Adding Business Logic to Applicatioin

Description :

Created a Application Form custom object and created Fields for the custom object Application Form.

Application Form Object and Fields:

Student Object Student Fields :

Subject Object and Subject Fields :

Creating Global Picklist Values :
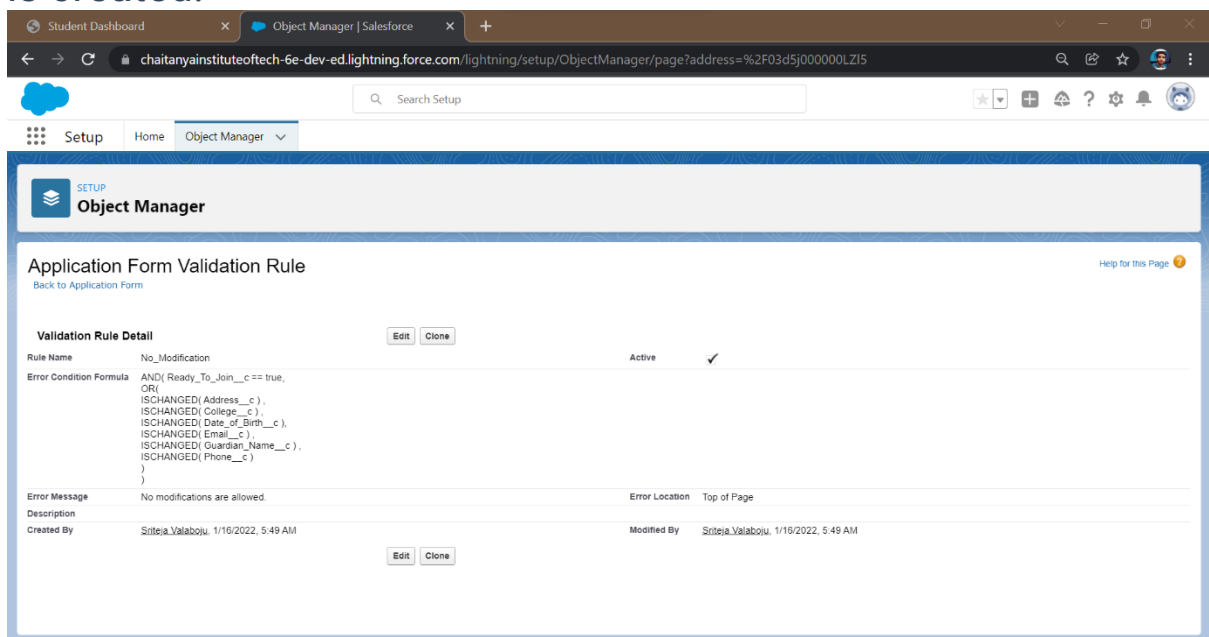
Creating Validation Rule :

Creating Field Dependencies :

Day-4 :
Topic : Validation Rule
Description :
Created a validation rule on the application form object to stop any modification on the application form once a student record is created.
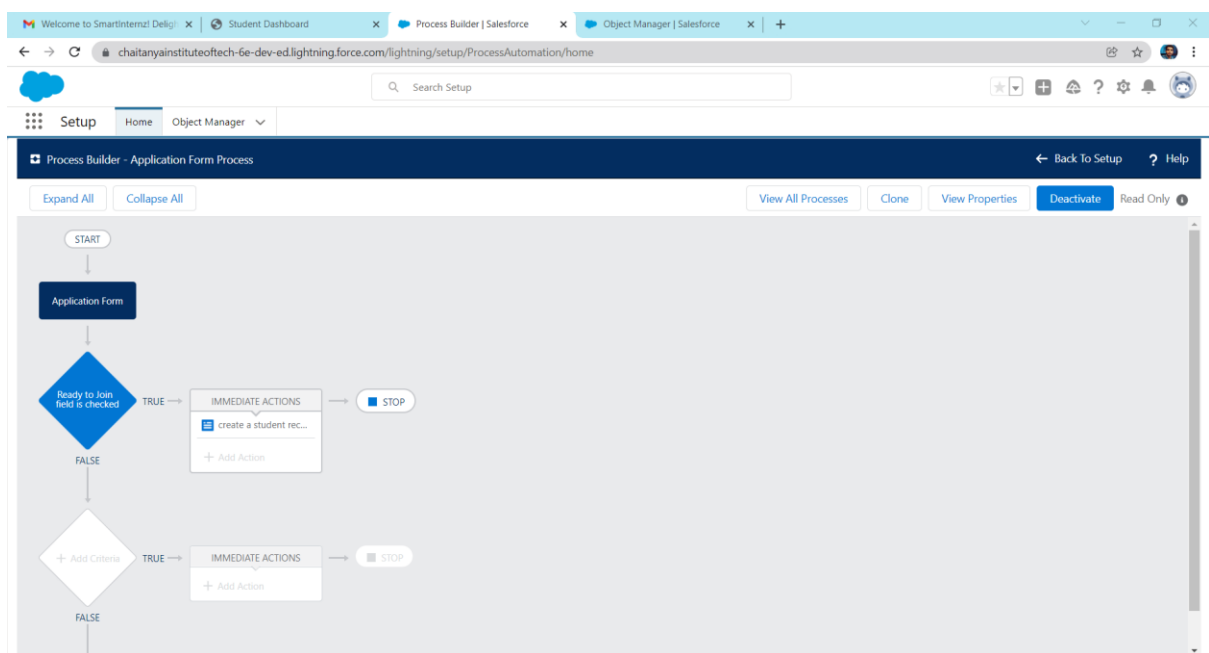
Day-5 :
Topic : Process Automation
Description :
Created an automation process such that when the "ready to join" field is checked on the application form object it will to create the student record automatically with the information specified in the application form record.
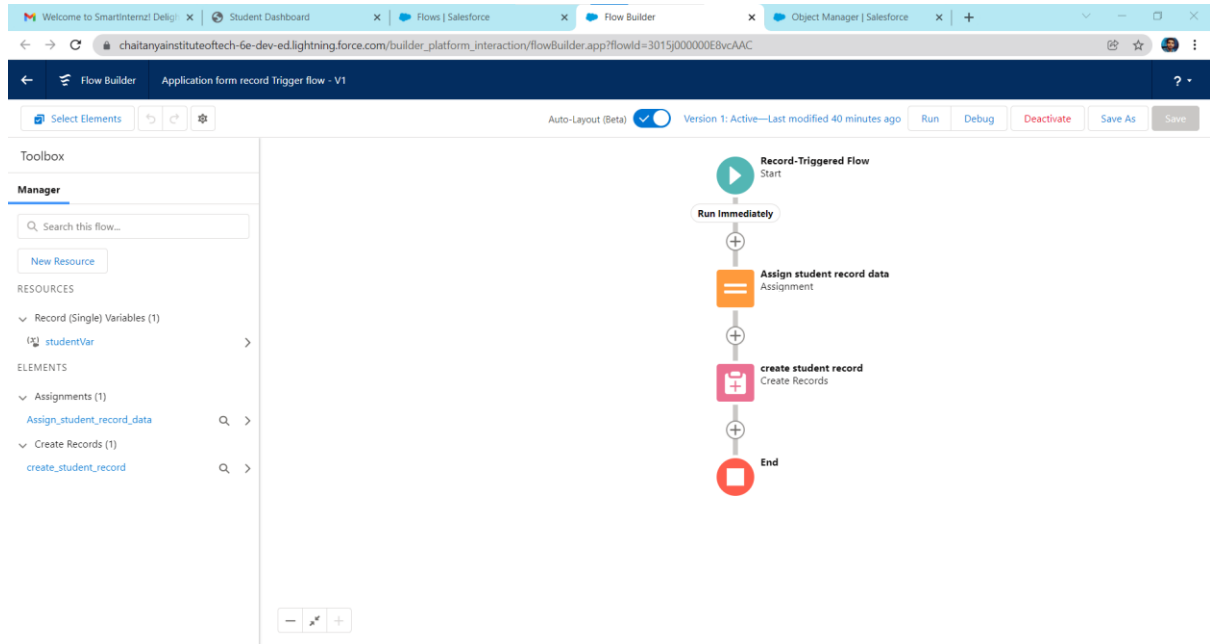
Day-6 :

Topic: Create the student record using flow

Milestone/Activities :Adding Business Logic to Application
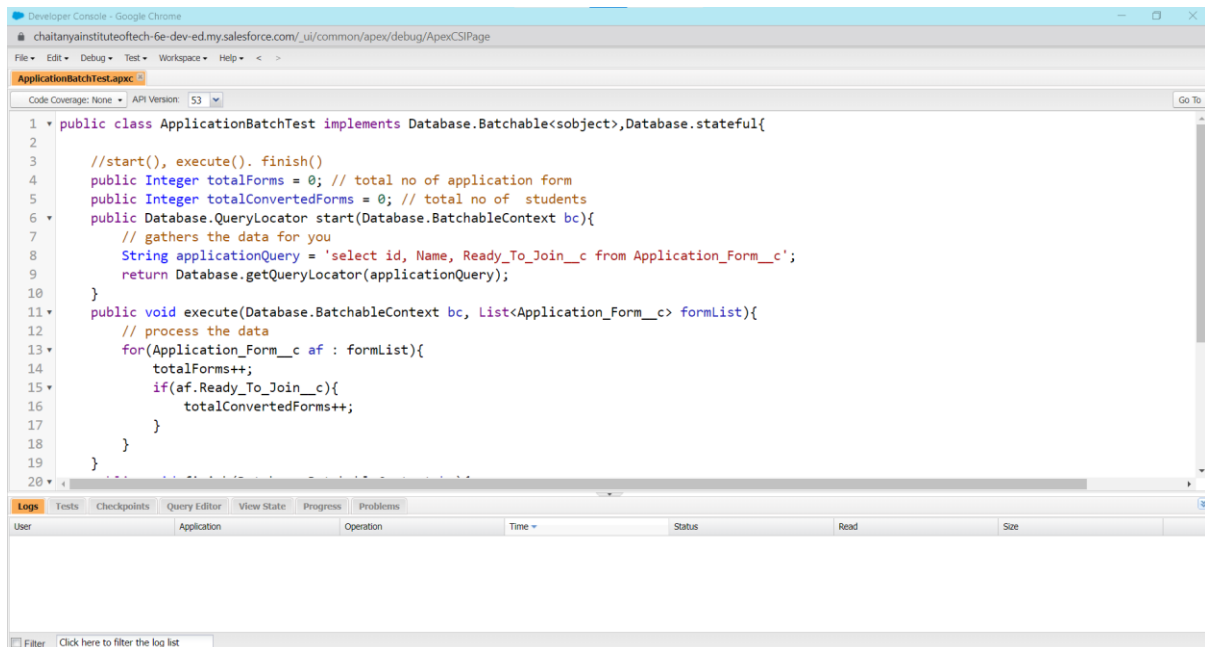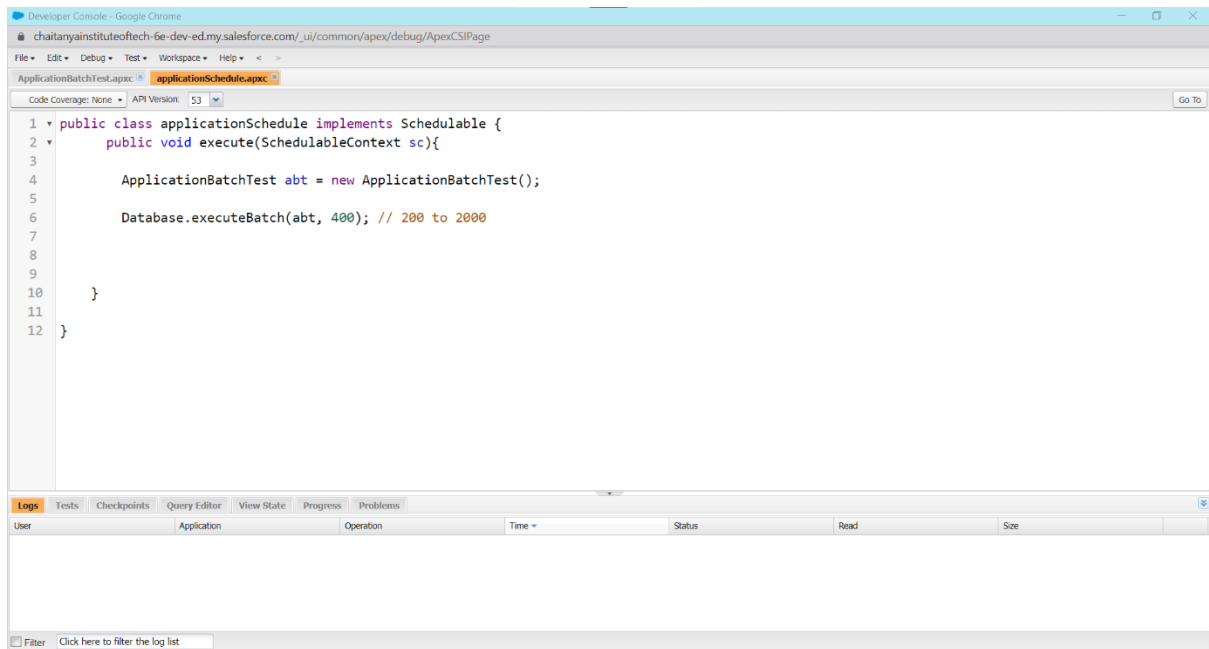## Description :

Day-7 :

Topic: BATCH APEX

Milestone/Activities : Create A Batch-apex For Application Form,

Create A Scheduler Class

Description : created
apex batches

- **Applicationbatchtest**
- **appicationschedule**

```
public class applicationSchedule implements Schedulable {
    public void execute(SchedulableContext sc){

        ApplicationBatchTest abt = new ApplicationBatchTest();

        Database.executeBatch(abt, 400); // 200 to 2000




    }

}
```
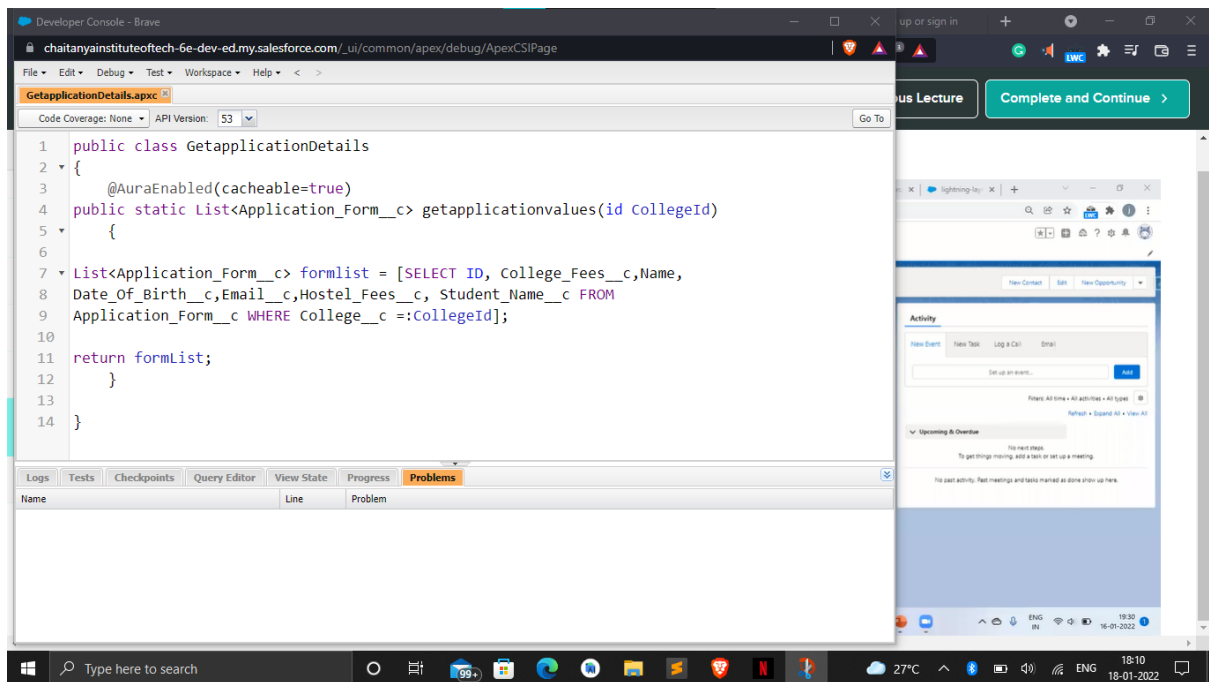
Day-8:

Topic : Lightning Web Components
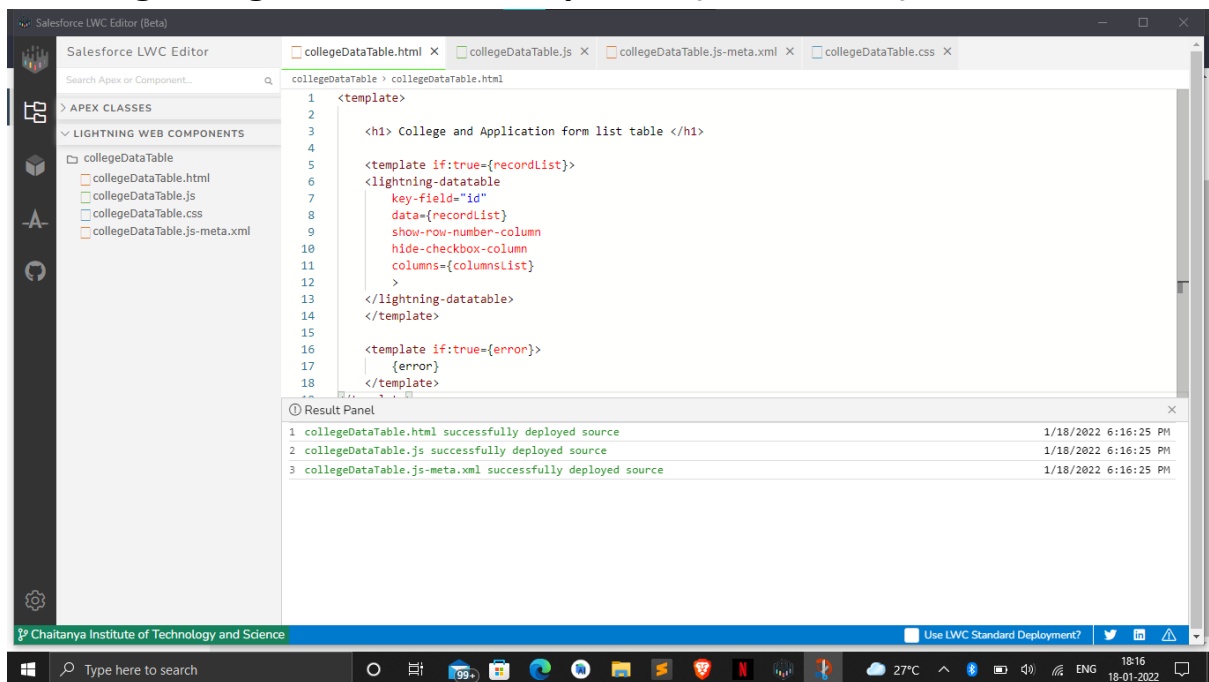
Milestone/Activity :

- **Creating college data table component(Apex class)**
- **creating college data table component(HTML File)**
- **creating college data table component(Java Script)**
- **creating college data table component(Meta File)**
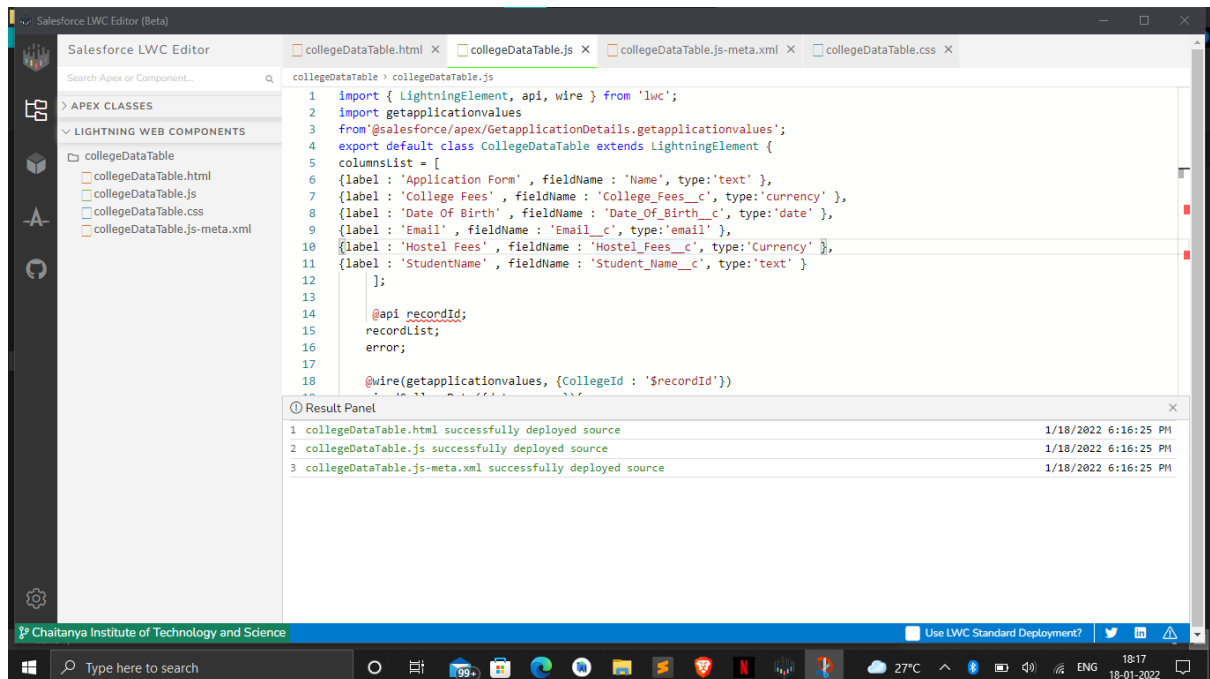
Description :

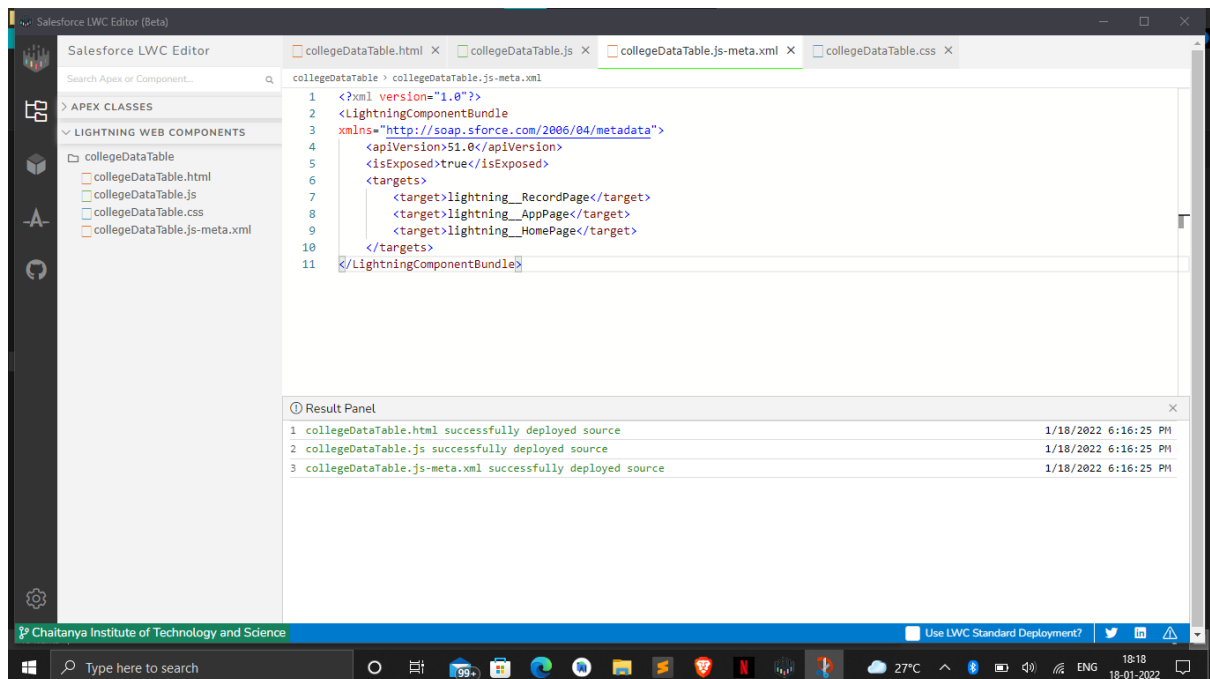# Creating college data table component(Apex class):

Creating college data table component(HTML File) :

Creating college data table component(Java Script File) :

Creating college data table component(Meta File) :

Data table in college object :