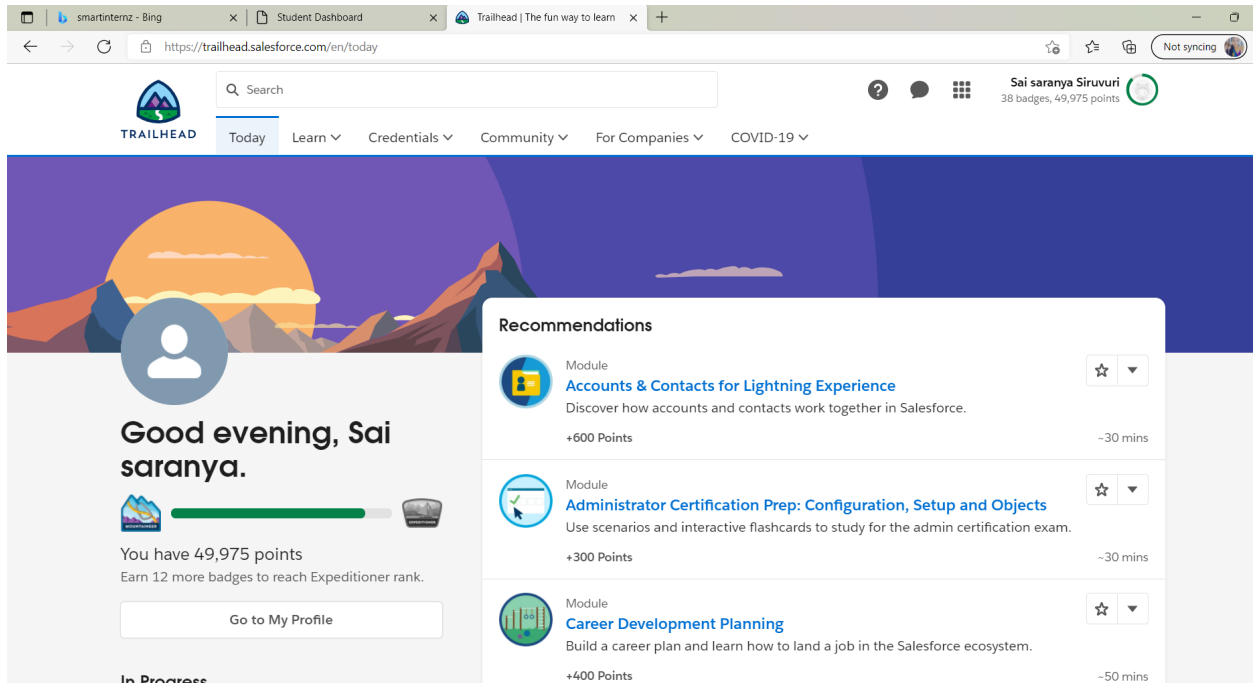


College Management Project Report

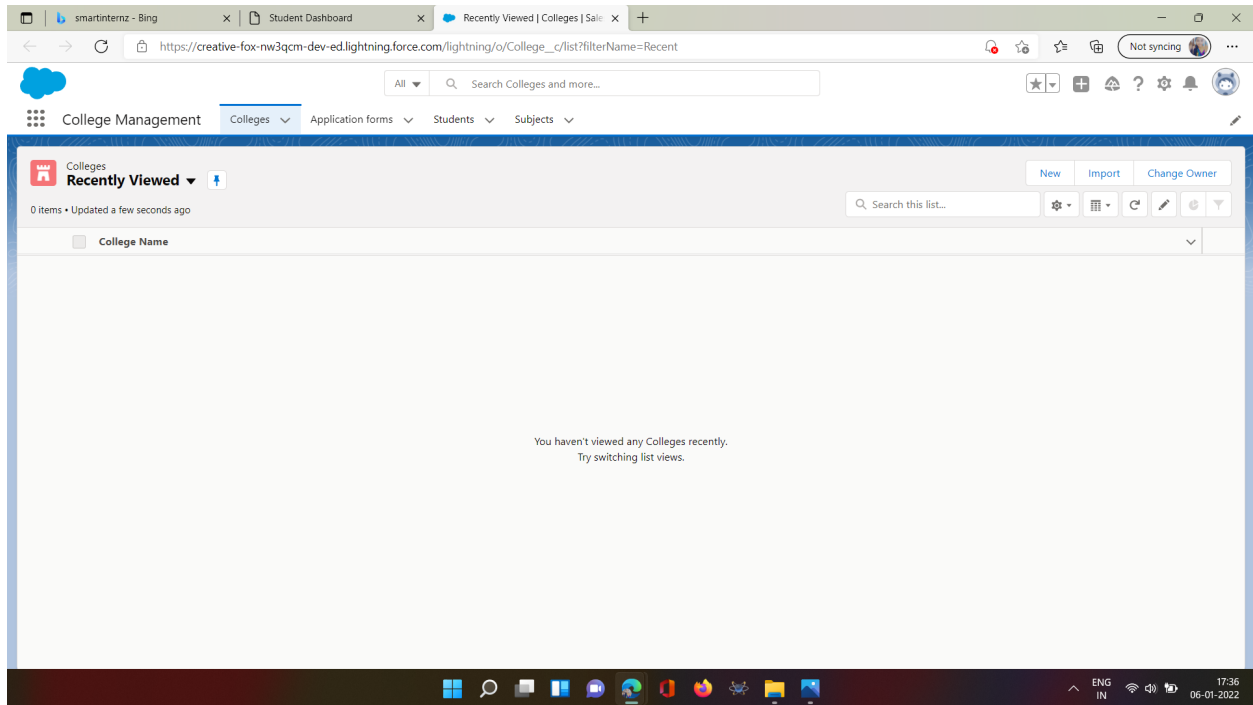
Day 1 :

- > Created Salesforce Developer Account
- > Logged into Salesforce Account and started exploring platform.

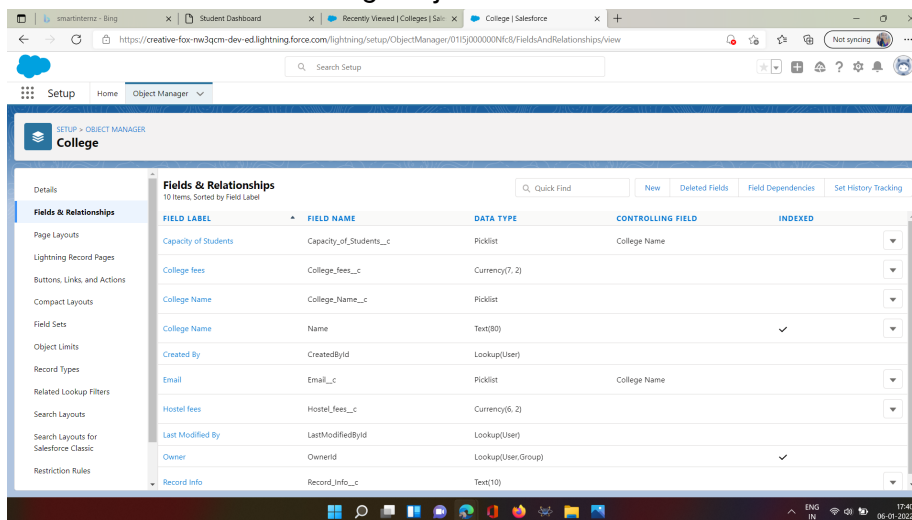


Day 2 :

- > Created Custom Objects for Application



>Created fields on college object



>Created fields on Application Form object

smartinternz - Bing x Student Dashboard x Recently Viewed | Colleges | Salesforce x Application form | Salesforce x

https://creative-fox-nw3qcm-dev-ed.lightning.force.com/lightning/setup/ObjectManager/015j000000NfeO/FieldsAndRelationships/view

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

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)		
DateOfBirth	DateOfBirth__c	Date		
Email	Email__c	Email (Unique)	✓	
Guardian Name	Guardian_Name__c	Text(30)		
Hostel fees	Hostel_fees__c	Formula (Currency)		

ENG IN 17:42 06-01-2022

>Created fields on Student object

smartinternz - Bing x Student Dashboard x Recently Viewed | Colleges | Salesforce x Students | Salesforce x

https://creative-fox-nw3qcm-dev-ed.lightning.force.com/lightning/setup/ObjectManager/015j000000NfeY/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Students

Details

Fields & Relationships
11 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

Application form	Application_form__c	Lookup(Application form)	✓	
College Name	College_Name__c	Formula (Text)		
Created By	CreatedById	Lookup(User)		
DateOfBirth	DateOfBirth__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(30)		
Students Name	Name	Text(80)	✓	

ENG IN 17:43 06-01-2022

> Created fields on Subject object

The screenshot shows the Salesforce Setup interface for the 'Subjects' object. The 'Fields & Relationships' tab is selected, displaying a table of 7 fields. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are: Created By, Last Modified By, Owner, Paper1, Students, Subject ID, and Subjects Name.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User.Group)		✓
Paper1	Paper1_c	Picklist		
Students	Students_c	Lookup(Students)		✓
Subject ID	Subject_ID_c	Auto Number		
Subjects Name	Name	Text(80)		✓

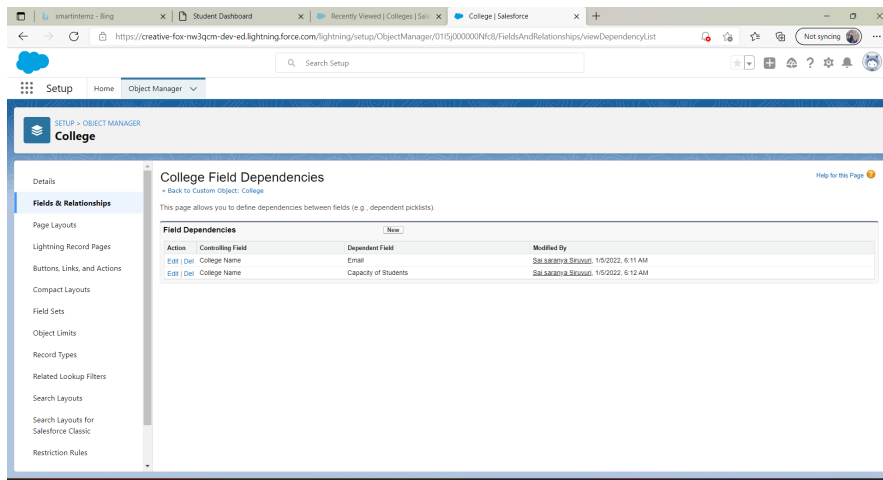
Day 3 :

> Created global picklist value set

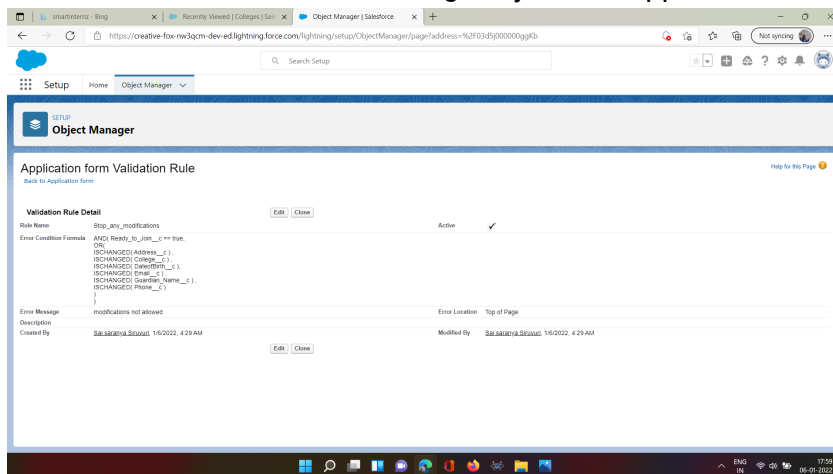
The screenshot shows the Salesforce Setup interface for the 'Picklist Value Sets' page. The 'Global Value Sets' section is active, displaying a table of global value sets. The table has columns for Action, Label, and Description. The value sets listed are: college, Paper1, Paper2, and Deleted Global Value Sets (0).

Action	Label	Description
Edit Del	college	
Edit Del	Paper1	
Edit Del	Paper2	
Deleted Global Value Sets (0)		

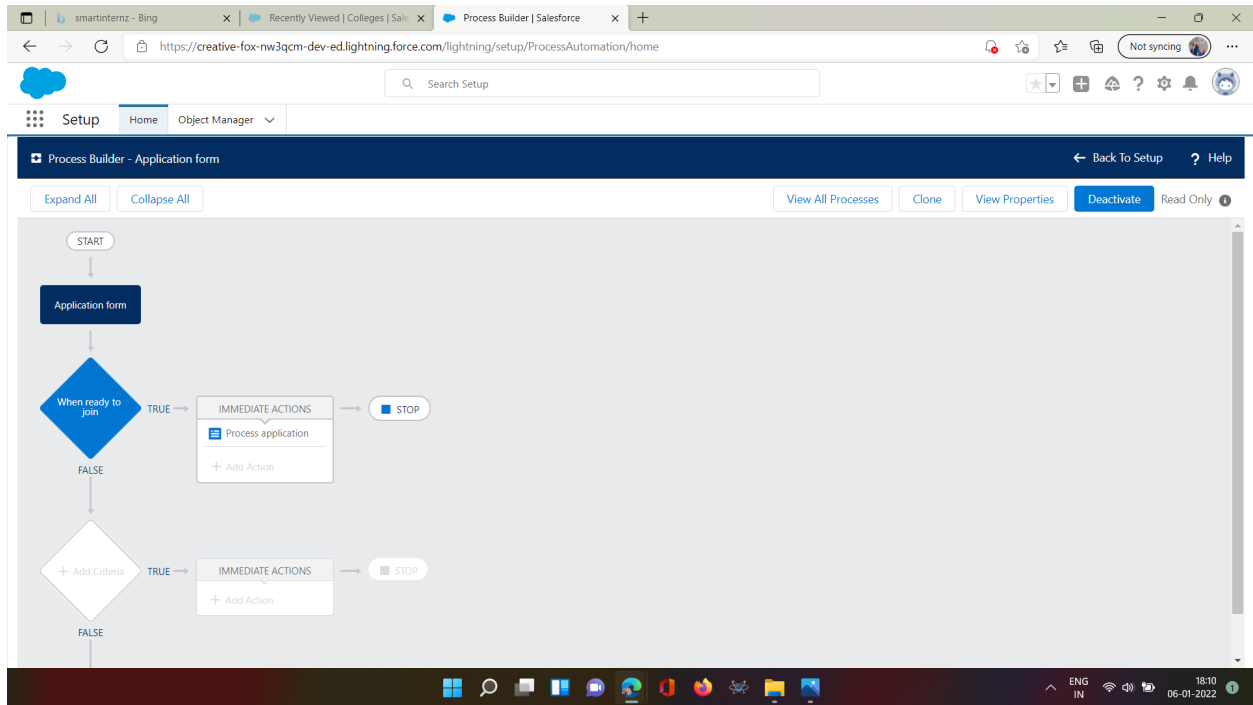
> Created field dependencies



> Created Validation rules in College object and Application form Object

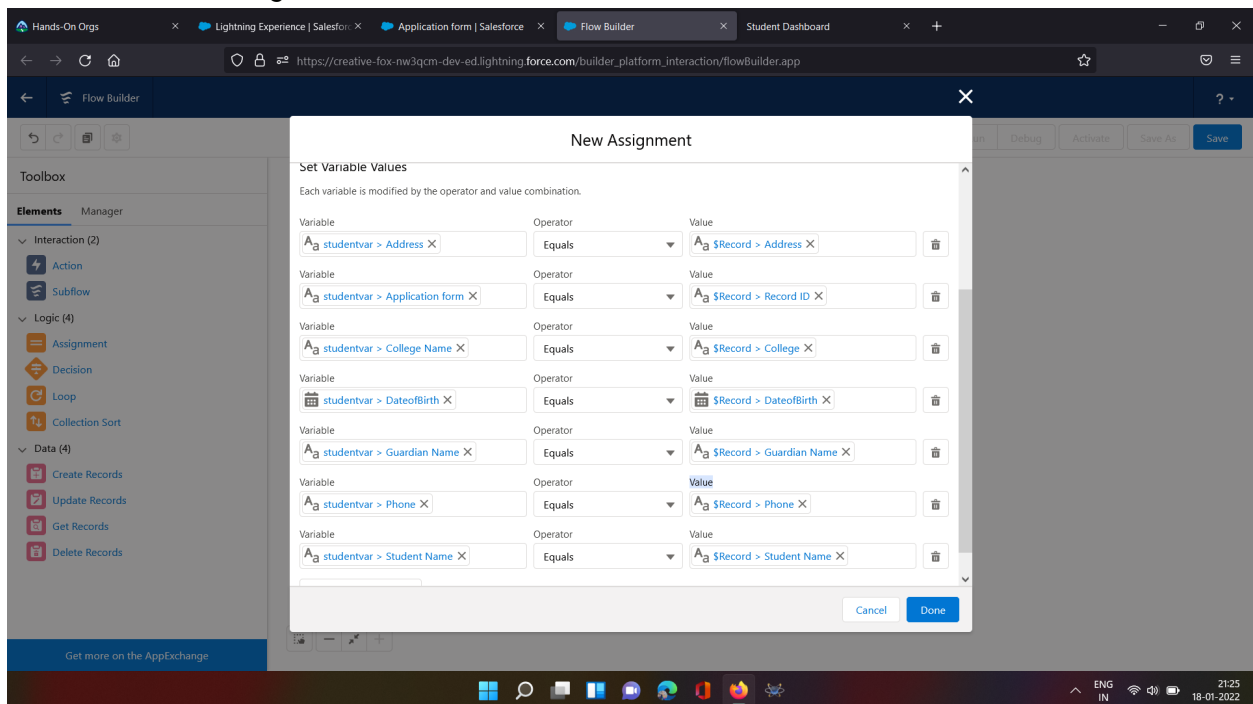


> created an Automation Process

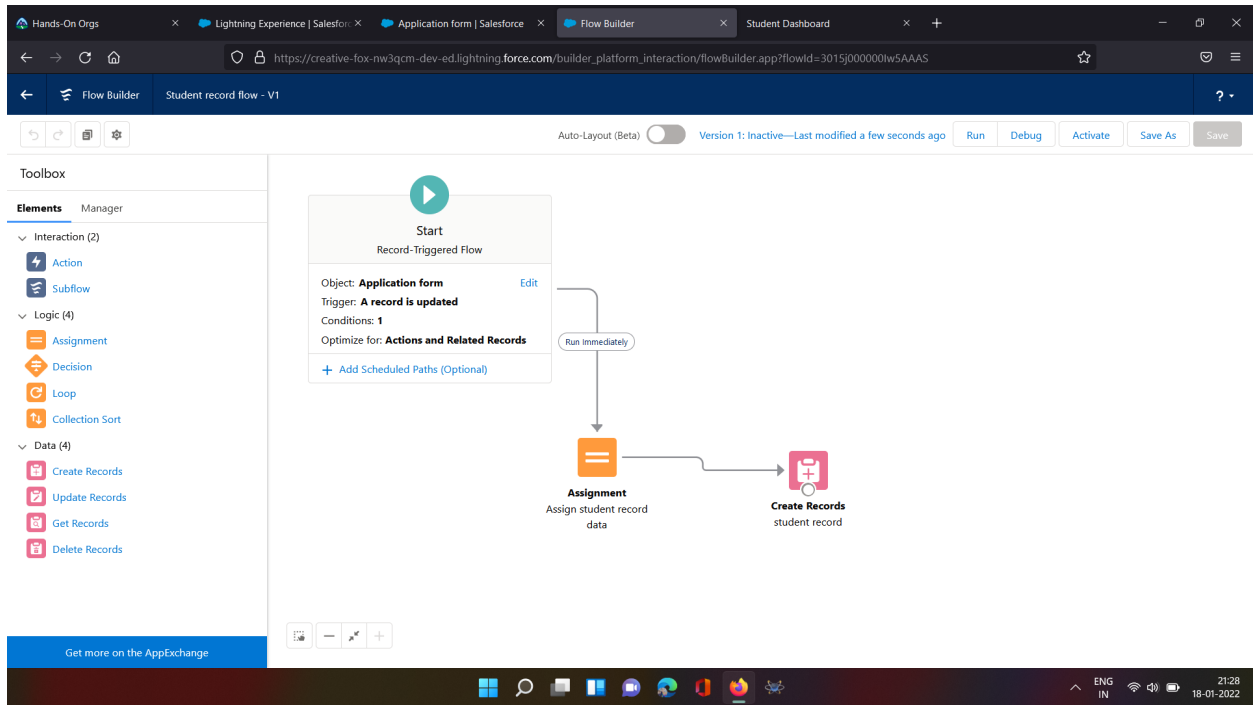


Day 4:

- > Created student record using flows
- > Added a new Assignment to the flow



>created a flow



Day 5:

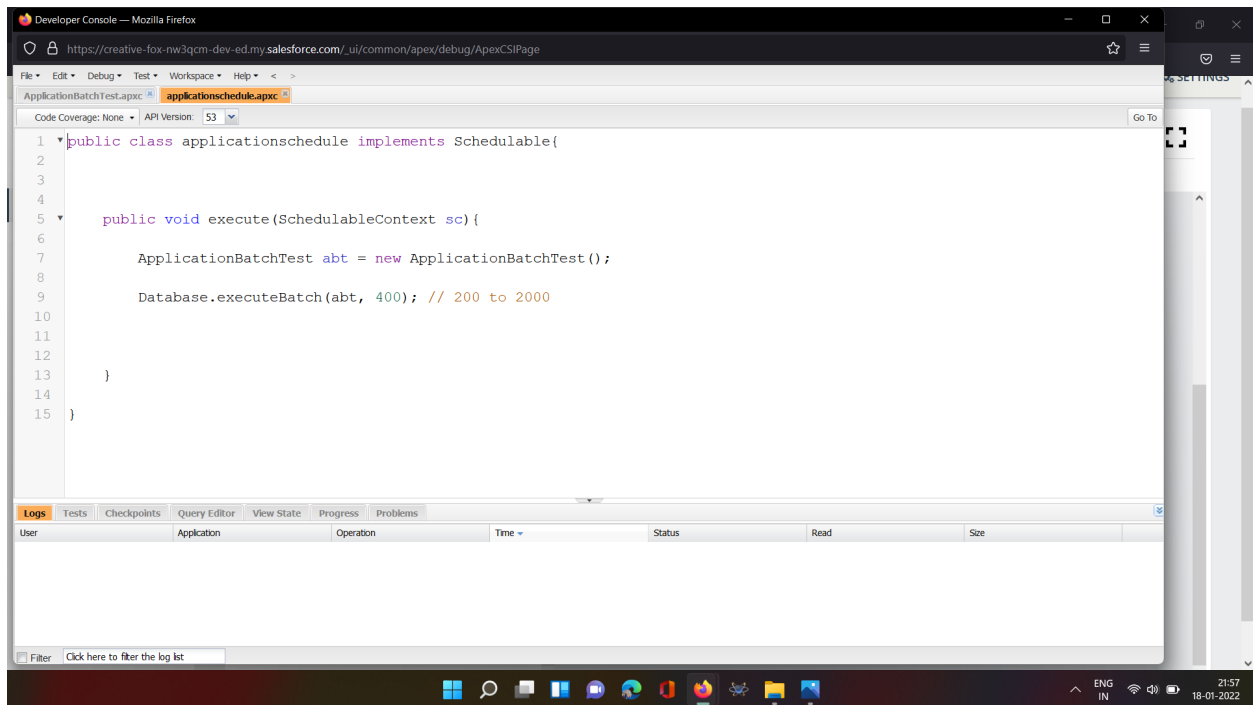
>Created a batchapex for Application form

The screenshot shows the Salesforce Developer Console with the Apex code for the `ApplicationBatchTest` class. The code is as follows:

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

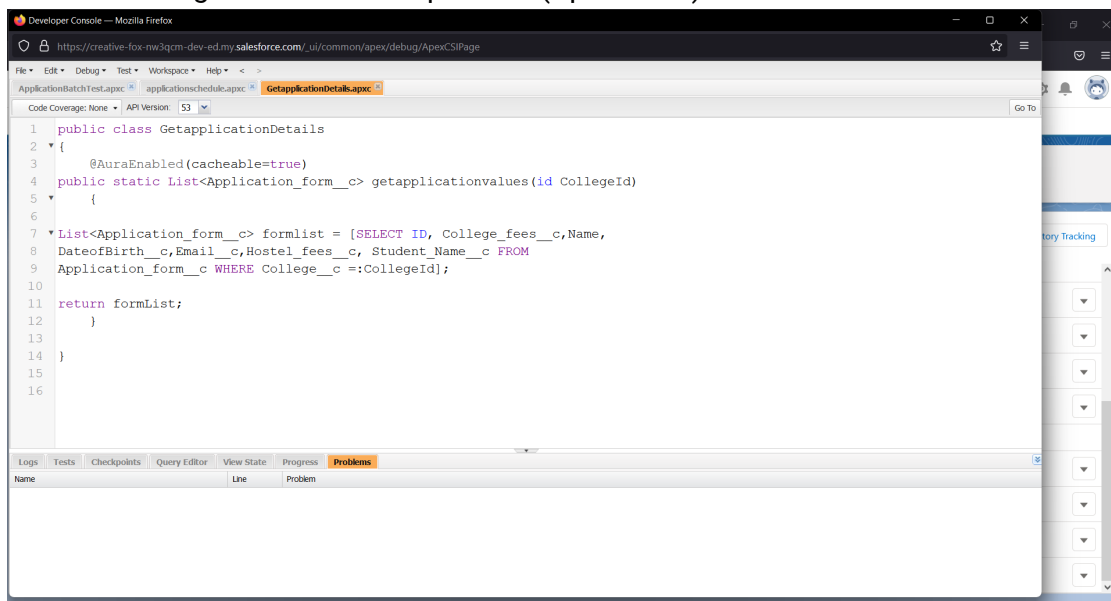
The bottom of the console shows the 'Logs' tab with a table header: User, Application, Operation, Time, Status, Read, Size.

>Created a Scheduler class



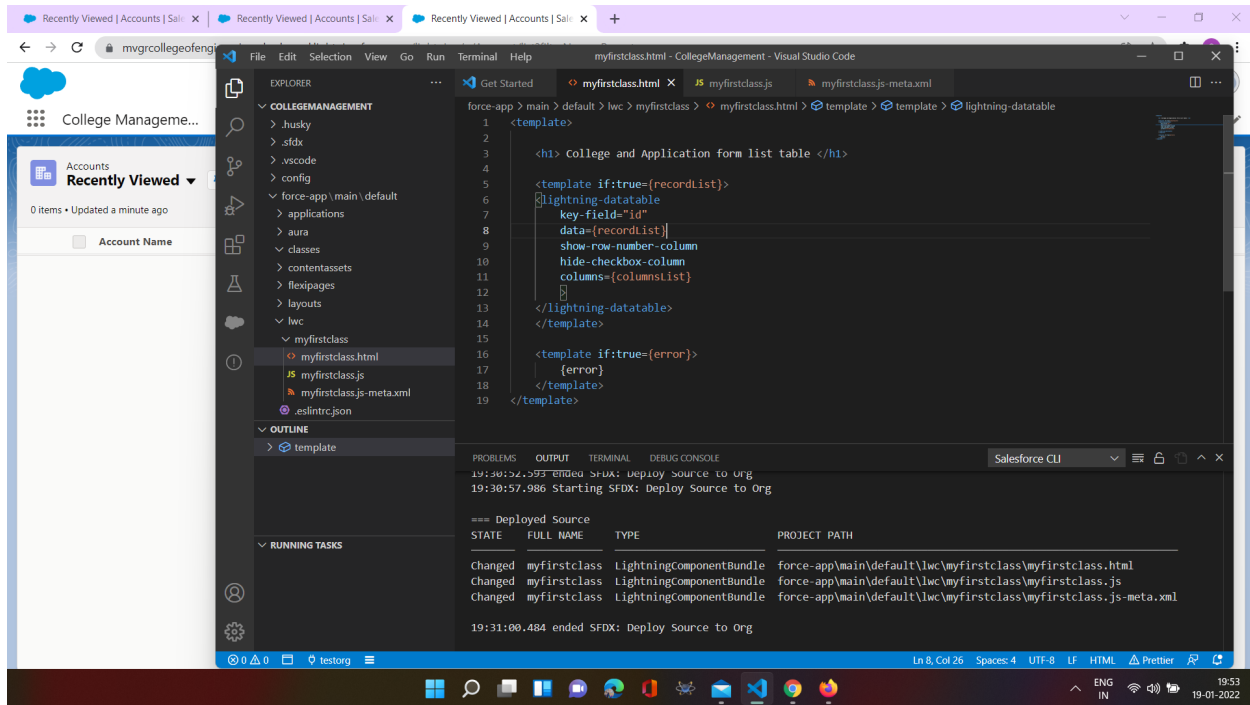
Day 6:

>Created college data table components (Apex class)

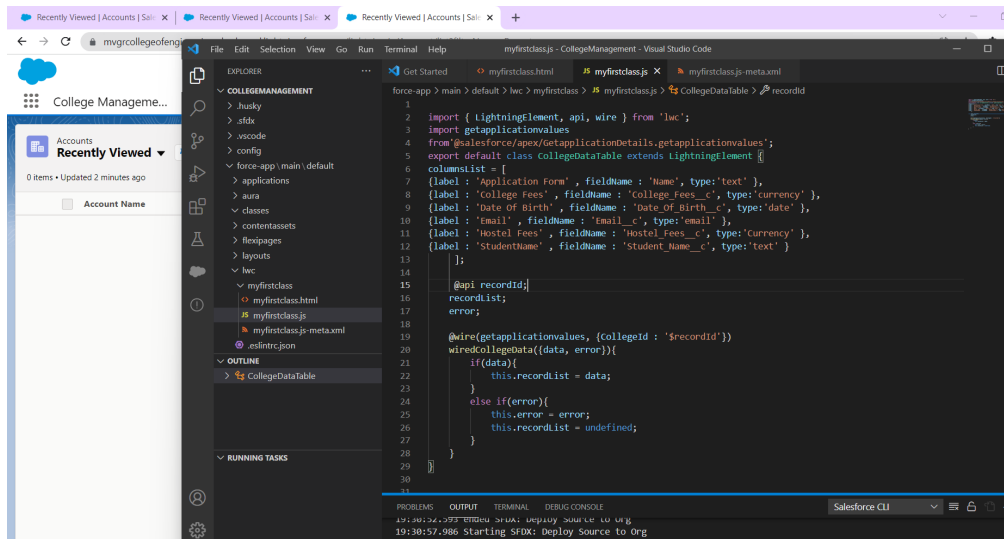


Day 7:

> created college data table component (HTML file)



> created college data table component (JS file)



> created college data table component (META file).

