College Management Application
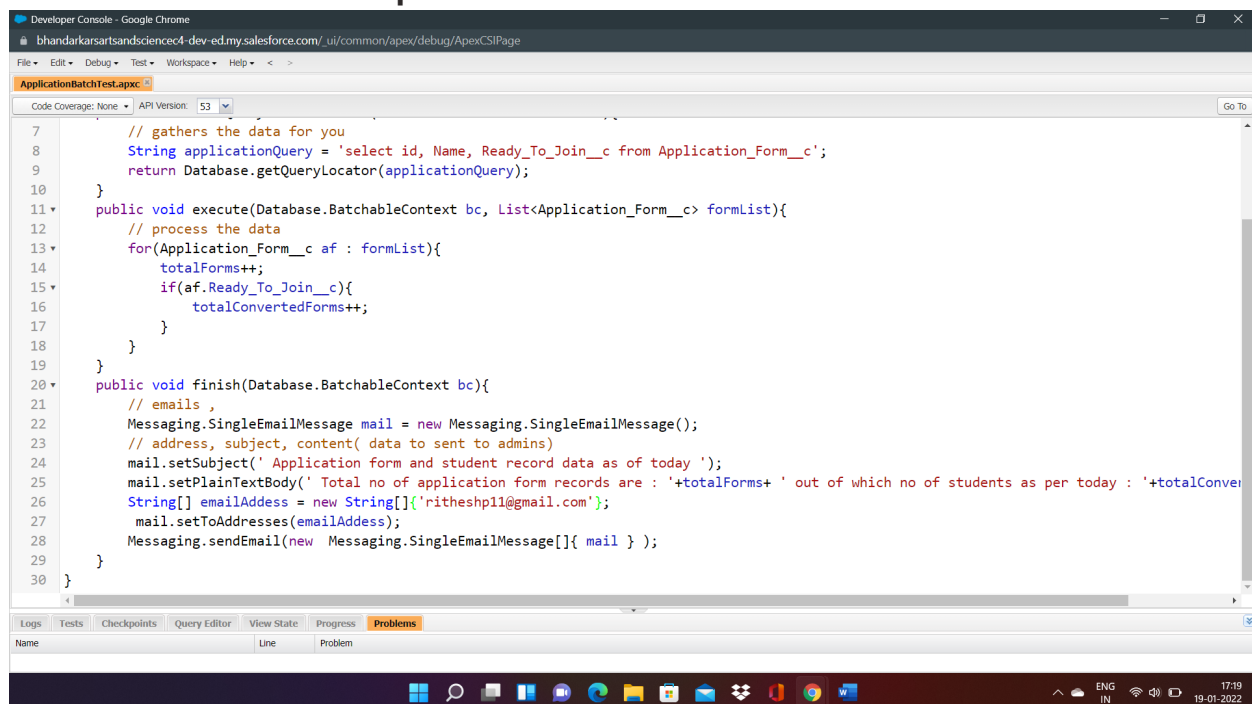
Day 5:
Topic:

Batch Apex

Milestone/Activities:

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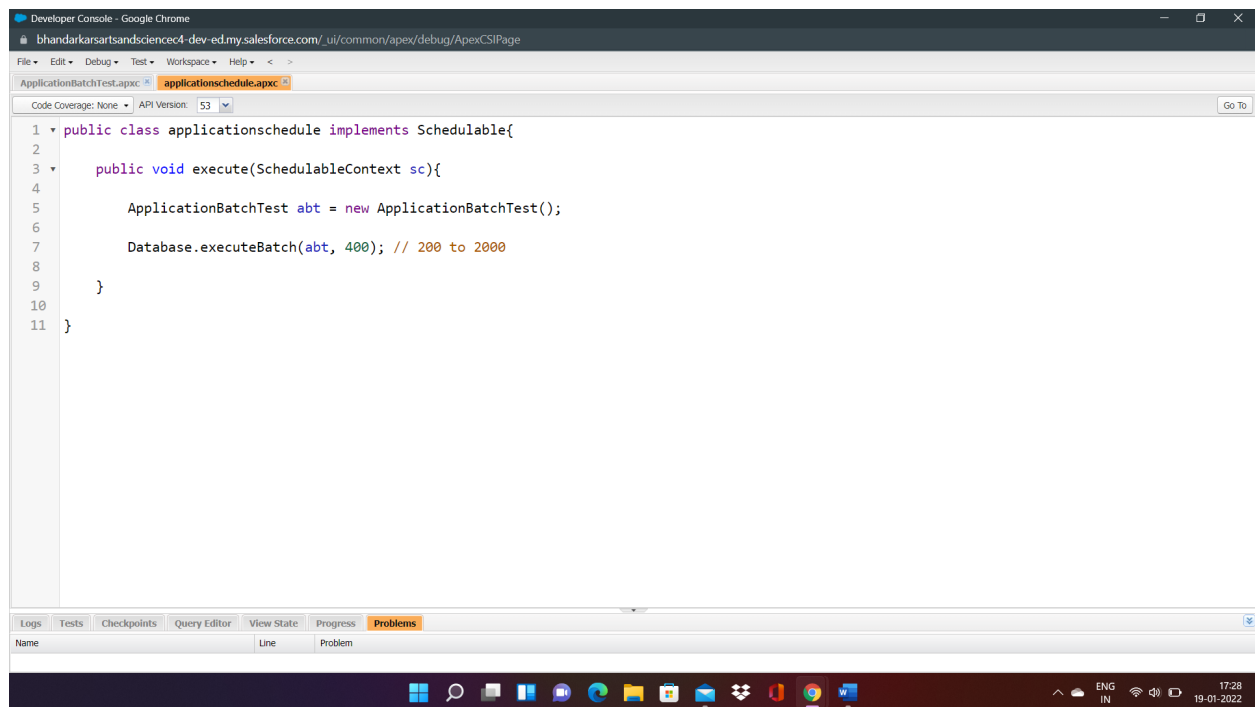# 2.Create A Scheduler Class

Detailed Description:

Here created the batchapex class.


```apex
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     public void finish(Database.BatchableContext bc){
21          // emails ,
22          Messaging.SingleEmailMessage mail = new Messaging.SingleEmailMessage();
23          // address, subject, content( data to sent to admins)
24          mail.setSubject(' Application form and student record data as of today ');
25          mail.setPlainTextBody(' Total no of application form records are : '+totalForms+ ' out of which no of students as per today : '+totalConver
26          String[] emailAddess = new String[]{'ritheshp11@gmail.com'};
27          mail.setToAddresses(emailAddess);
28          Messaging.sendEmail(new  Messaging.SingleEmailMessage[]{ mail } );
29     }
30 }
```
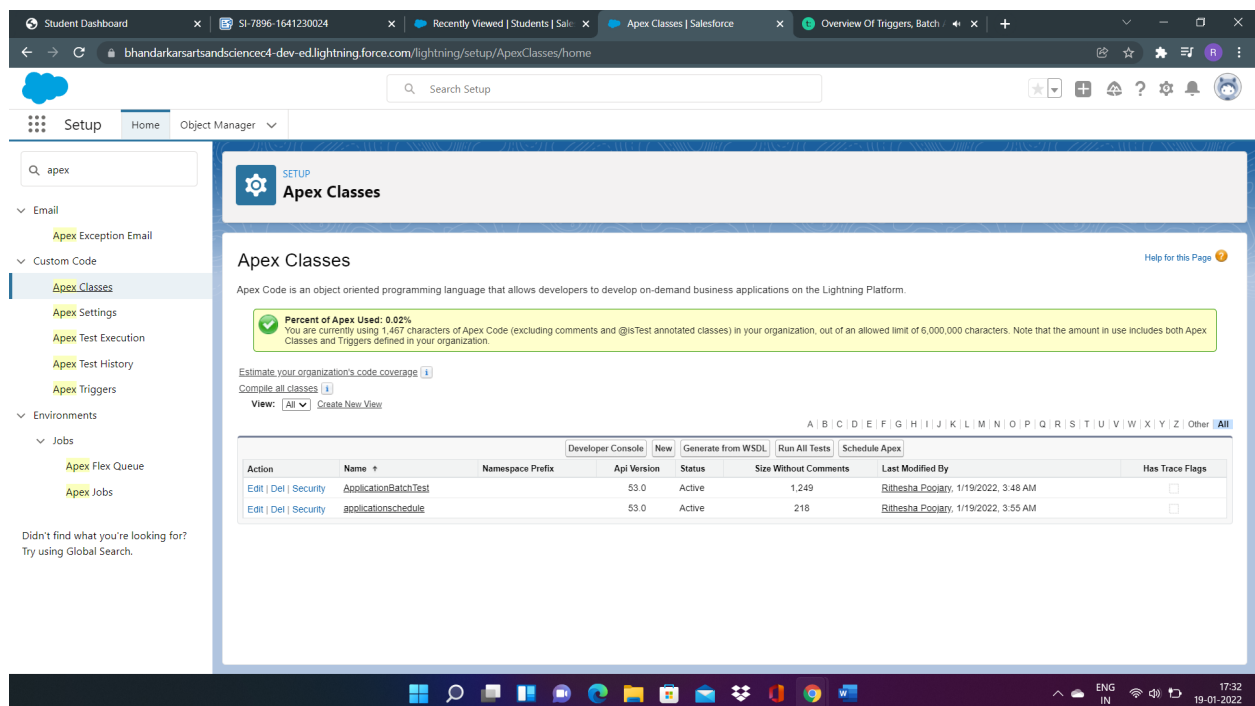
Here created the scheduler class in developer console.


```apex
public class applicationschedule implements Schedulable{

    public void execute(SchedulableContext sc){

        ApplicationBatchTest abt = new ApplicationBatchTest();

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

    }

}
```

From setup apex class and click on schedule jobs and fill the details as per our requirements.

Here I schedule the Apex jobs.

Day 6:
Topic:

Lightning Web Components

Milestone/Activities:
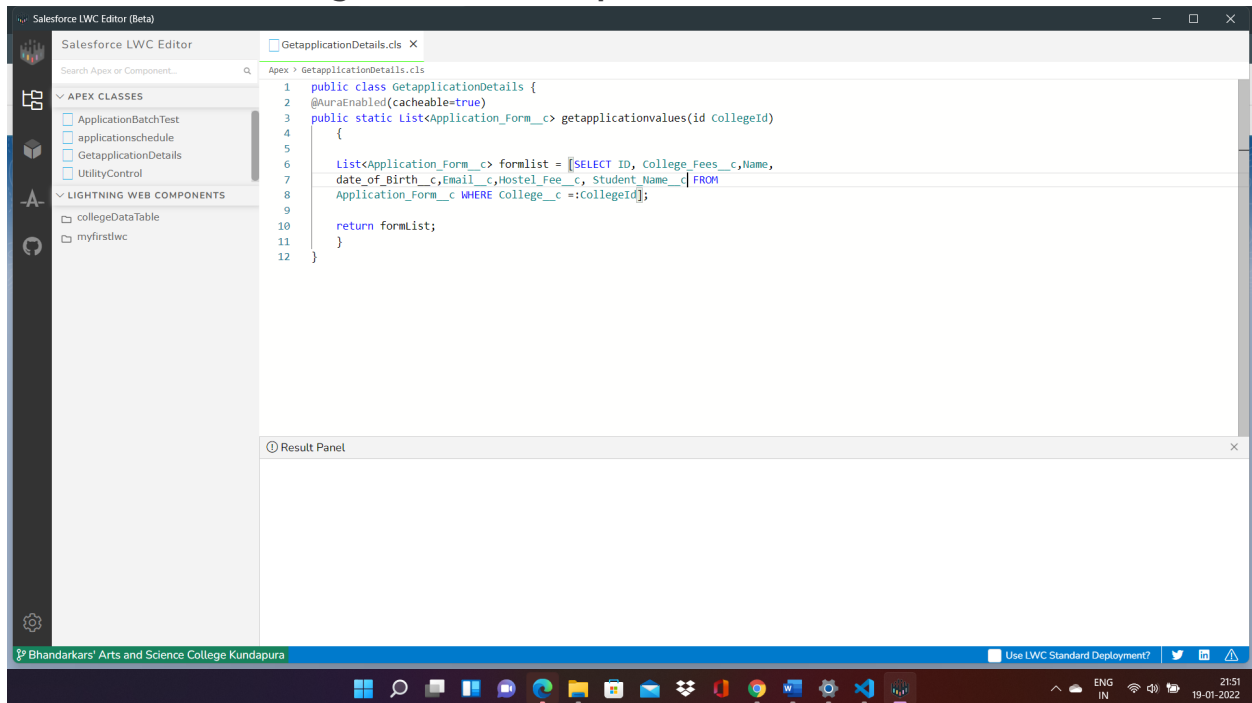
Create College DataTable Component(APEX CLASS)

Detailed Description:

Lightning Web Components (LWC) is a stack of modern lightweight frameworks built on the latest web standards. It is a DOM (Document Object Model), element created through reusable code and is used to generate a dynamic interface without using JavaScript

or building a Library. This feasibility makes it quick and seamless, saving the developers a ton of time and effort on the Web Stack. Let's look at some of its remarkable features:

Here we are going to create the college data table, for this we need to create an apex class, from which we are going to retrieve the data and Html, javascript files for UI .

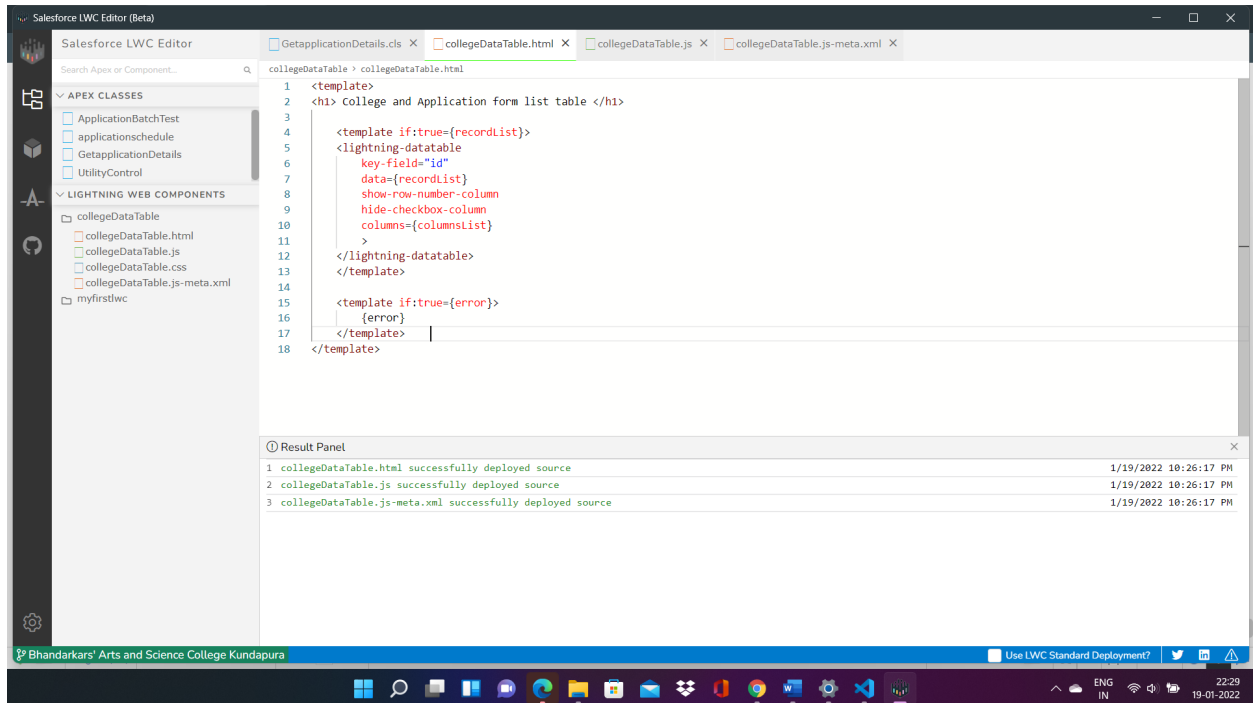**Here created the college data table component**

Day 7:
Topic:

Lightning Web Components

Milestone/Activities:

Create College DataTable Component (HTML FILE)

Detailed Description:

Here I have created the html file component. Using html file we can add the title or table layout of the page layout.
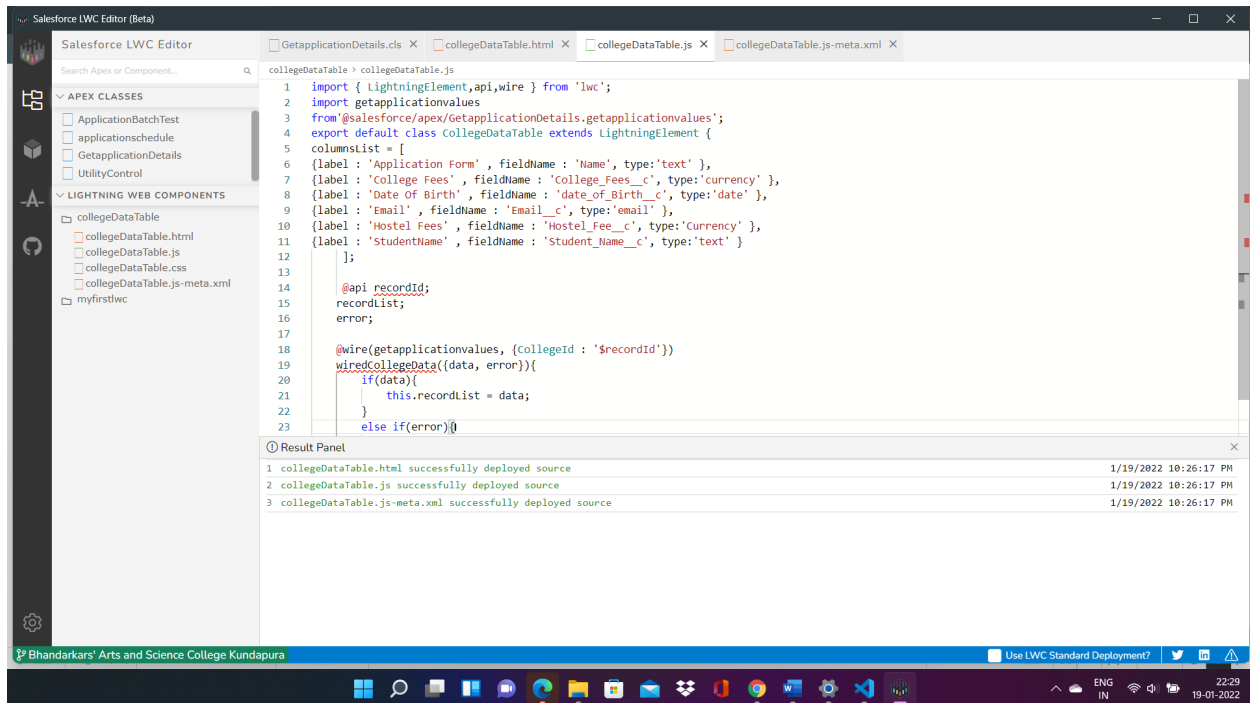

Day 8:
Topic:

Lightning Web Components

Milestone/Activities:

Create College DataTable Component(JAVA SCRIPT FILE)

Detailed Description:

Here created the javascript file.Using javascript file we can add the label or can make attractive page.
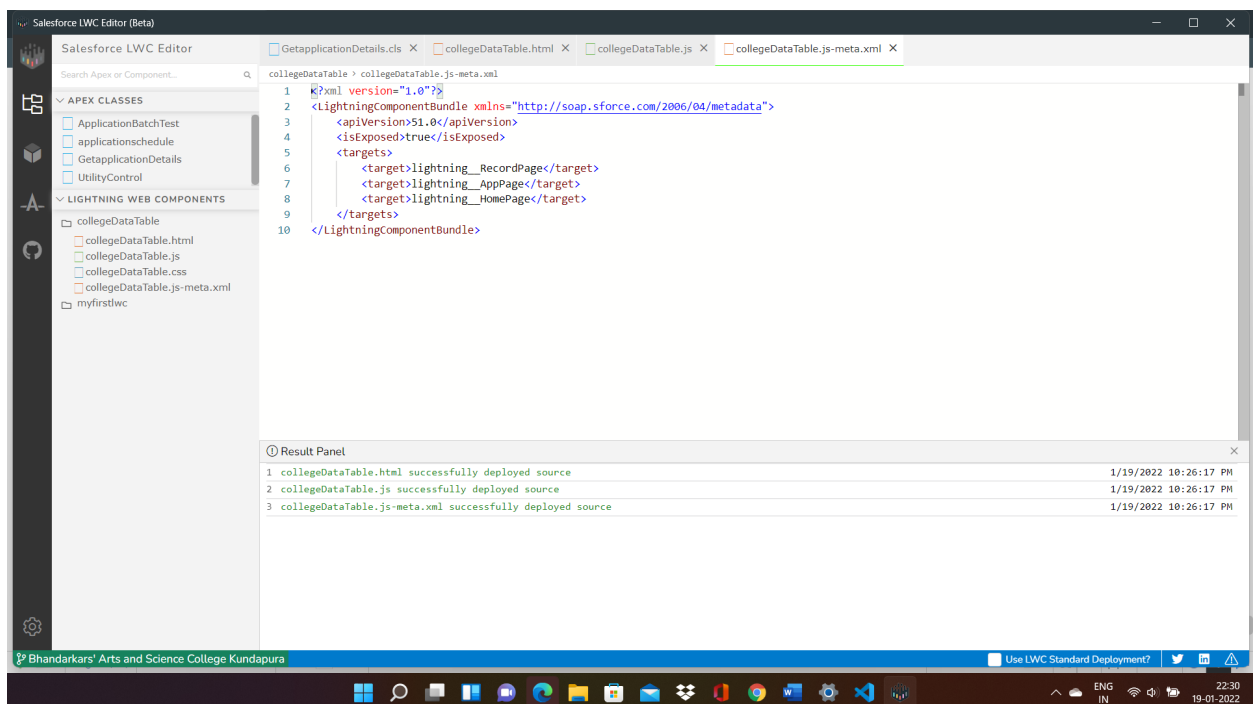
Day 9:
Topic:

Lightning Web Components

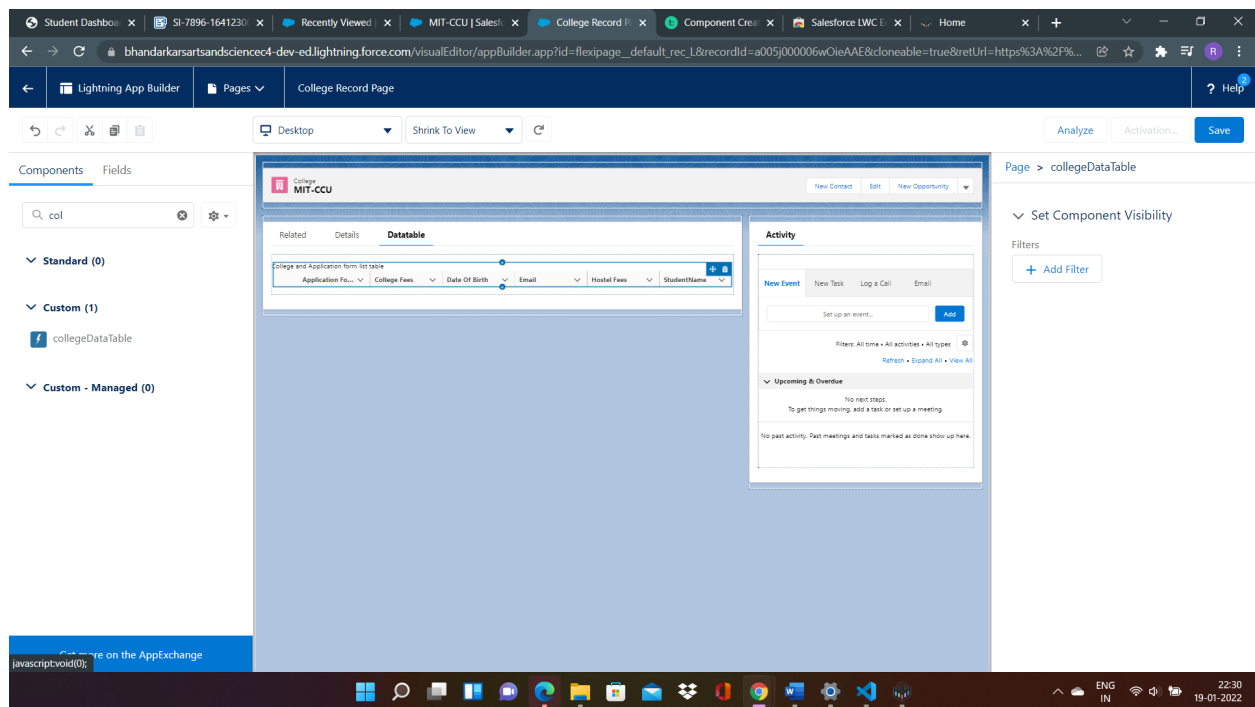**Milestone/Activities:**

Create College DataTable Component(META FILE)

Detailed Description:

Here created the collegedatatable.js-meta.xml file

The screenshot of data table in Lightning app builder.

Here is the final output after successful completion on data table code.