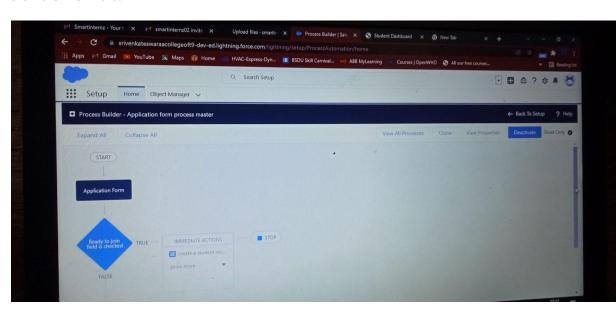
#### **Milestone activities: PROCESS AUTOMATION**

Description: Create an automation process such that when the "ready to join" field is checked on the application form object we need to create the student record automatically with the information specified in the application form record.

Go to Setup -> select "Process Builder" from quick find. Create a Process Builder on the "Application Form" object with a condition as "When a record change". And select "When a record is created or edited".

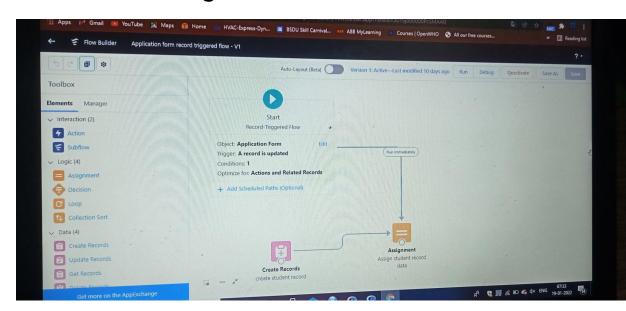
- a. In the diamond shape box(called nodes), select the criteria which trigger the Process builder to fire. In our example, it is "When Ready to Join field is checked."
- b Once the node is setup, click on the adjacent box called "Immediate action". And select create a record on the student object. Please follow the below screenshot.



**Milestone Activities: Flow Builder** 

**Description:** 1. First deactivate the process builder which we created earlier.

- 2. Now search for flows and select new flow ->record triggered flow
- 3. For object select application form, in configure trigger select when the record is updated for entry criteria select as ready to join equals to true.
- 4. Now create a variable named student in the resource section.
- 5. Now add the assignment as follows.

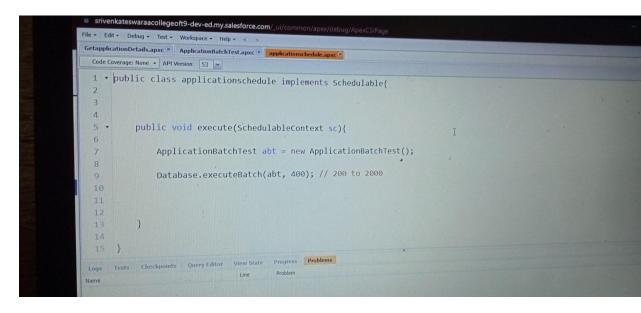


## **Batch apex**

Milestone Activities: Create a batch apex for application form

```
srivenkateswaraacollegeoft9-dev-ed.my.salesforce.com/_ui/common/ap
File + Edit + Debug + Test + Workspace + Help + <
\textbf{GetapplicationDetails.apxc} \overset{[g]}{=} \boxed{ \textbf{ApplicationBatchTest.apxc} \overset{[g]}{=} } \quad \textbf{applicationschedule.apxc} \overset{[g]}{=} \\
  Code Coverage: None + API Version: 53 -
  1 • Public class ApplicationBatchTest implements Database.Batchable<sobject>{
            //start(), execute(). finish()
           public Integer totalForms = 0; // total no of application form
           public Integer totalConvertedForms = 0; // total no of students
           public Database.QueryLocator start(Database.BatchableContext bc){
            // gathers the data for you
                String applicationQuery = 'select id, Name, Ready_To_Join__c from Application_Form__c';
                return Database.getQueryLocator(applicationQuery);
         public void execute(Database.BatchableContext bc, List<Application_Form_c> formList){
 11 -
          // process the data
for(Application_Form_c af : formList){
 13 •
                totalForms++;
       if/af Ready To Join ()/
Logs Tests Checkpoints Query Editor View State Progress Problems
                     Line Problem
```

### Milestone Activities: Create a schedular class



**Lightning web components** 

**Milestone Activities: Apex Class** 

```
Developer Console - Google Chrome

in srivenkateswarascollegeoff9-dev-ed.my.salesforce.com/_u/common/apex/debug/ApexCSIPage

File - Edit - Debug - Test - Workspace - Help - < >
GetapplicationDetails.apxc | ApplicationBatchtest.apxc | applicationschedule.apxc | app
```

# **Html file**

```
Salesforce LWC Editor (Beta)
     Salesforce LWC Editor
                                               collegeDataTable.html ×
                                         q collegeDataTable > collegeDataTable.html
     APEX CLASSES
                                                1 ktemplate
     LIGHTNING WEB COMPONENTS
                                                           <h1> College and Application form list table </h1>
    □ collegeDataTable
                                                           <template if:true={recordList}>
        collegeDataTable.html
                                                          dataale
key-field="id"
data={recondlist}
show-row-number-column
hide-checkbox-column
columns={columnsList}
         collegeDataTable.js
         collegeDataTable.css
         collegeDataTable.js-meta.xml
                                                 11
                                                           </lightning-datatable>
                                                          </template>
                                                           <template if:true={error}>
                                                          {error} </template>
                                                     </template>
```

#### Js file

```
alesforce LWC Editor (Beta)
       Salesforce LWC Editor
                                                                                    collegeDataTable.html × __collegeDataTable.js ×
                                                                                 collegeDataTable > collegeDataTable.js
                                                                                  limport { LightningElement, api, wire } from 'lwc';
import getapplicationvalues
from 'gsalesforce/apex/GetapplicationDetails.getapplicationvalues';
export default class CollegeDataTable extends LightningElement { ...
      APEX CLASSES
      LIGHTNING WEB COMPONENTS
      collegeDataTable
              collegeDataTable.html
                                                                                               (label: 'Application Form', fieldName: 'Name', type:'text' },
(label: 'College Fees', fieldName: 'College Fees_c', type:'currency' },
(label: 'Date of Birth', fieldName: 'Date of Birth_c', type:'date' },
(label: 'Email', fieldName: 'Email'c', type:'mail'c', type:'date' },
(label: 'Hostel Fees', fieldName: 'Hostel Fees_c', type:'Currency' },
(label: 'StudentName', fieldName: 'Student Name_c', type:'text' }
            collegeDataTable.js

collegeDataTable.js

collegeDataTable.js
                                                                                                         @api recordId;
recordList;
                                                                                     15
                                                                                                          error;
                                                                                     16
17
                                                                                                         @wire(getapplicationvalues, {CollegeId : '$recordId'})
wiredCollegeData({data, error}){
                                                                                                                 if(data){
    this.recordList = data;
                                                                                                               else if(error){
                                                                                                                        this.error = error;
this.recordList = undefined;
```

### Meta xml file

