

Day 1 :

Topic: Creation , Activation Developer Account and login to Salesforce Account.

Milestone / Activities: to learn salesforce.

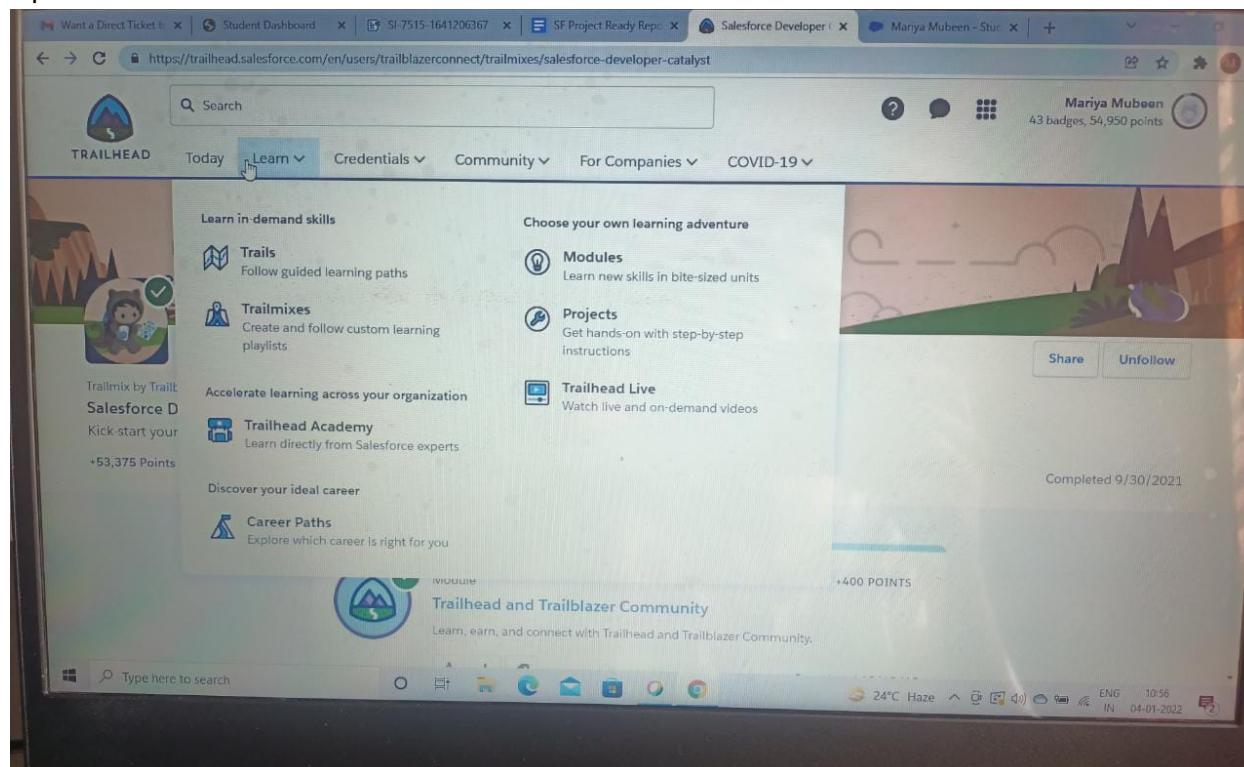
Detailed Description:

step1: Created a developer account.

step2: Activated the account.

step3: Login to the salesforce account.

Upload the Screenshot the Milestone / Activities :



Day 2 :

Topic: Custom Object Creation And Create Validation Rules

Milestone / Activities: 1. Objects

Detailed Description: step1 :

create object

1.course

2.trainer

3.student

4.meeting

5.batch scheduling

Upload the Screenshot the Milestone / Activities :

→ C https://empathetic-panda-bi7q6f-dev-ed.lightning.force.com/lightning/page/home

All ▾ Search...

Online Training Ma... Home Courses Trainers Students Meetings Batch Schedulings

Quarterly Performance

As of Today 9:10 PM C

CLOSED \$0 OPEN (>70%) \$0 GOAL -- /

500K
400K
300K
200K
100K
0

Add the opportunities you're working on, then come back here to view your performance.

Feb Mar Apr

Closed Goal Closed + Open (>70%)

Today's Events Today's Tasks

The screenshot shows a Salesforce Lightning dashboard titled "Quarterly Performance". At the top, there are navigation links for "Home", "Courses", "Trainers", "Students", "Meetings", and "Batch Schedulings". A search bar is located at the top right. The main area features a chart with a Y-axis ranging from 0 to 500K. The chart has three data series: "Closed" (orange), "Goal" (green), and "Closed + Open (>70%)". Below the chart, there are sections for "Today's Events" and "Today's Tasks". The status bar at the bottom indicates the time as "As of Today 9:10 PM" and the user as "C".

Fields and Relationship of objects:

1.course

The screenshot shows the Salesforce Object Manager interface for the 'Course' object. The left sidebar lists various setup options like Details, Fields & Relationships, Page Layouts, etc. The main content area is titled 'Fields & Relationships' and displays a table of fields. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, and CONTROLLING FIELD. The fields listed are:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD
Course Category	Course_Category__c	Picklist	
Course Description	Course_Description__c	Text(50)	
Course Duration	Course__c	Picklist	
Course Fee	Course_Fee__c	Currency(18, 0)	
Course Name	Course_Name__c	Text(50)	
Courses ID	Name	Auto Number	
Created By	CreatedBy	Lookup(User)	
Last Modified By	LastModifiedBy	Lookup(User)	
Owner	OwnerId	Lookup(User, Group)	

2.student

The screenshot shows the Salesforce Object Manager interface for the 'Student' object. The left sidebar lists various setup options like Page Layouts, Lightning Record Pages, and Field Sets. The main content area displays the 'Fields & Relationships' section with 12 items, sorted by Field Label. The table includes columns for Field Label, Field Name, Data Type, Controlling Field, and Indexes.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXES
Age	Age_c	Formula (Number)		
Created By	CreatedById	Lookup(User)		
Date Of Birth	Date_of_Birth_c	Date		
Email	Email_c	Email		
Enrollment Date	Enrollment_Date_c	Formula (Date)		
First Name	First_Name_c	Text(50)		
Last Modified By	LastModifiedById	Lookup(User)		
Last Name	Last_Name_c	Text(50)		
Owner	OwnerId	Lookup(User,Group)		

3.Trainer

The screenshot shows a computer monitor displaying the Salesforce Object Manager interface. The URL in the browser bar is <https://empathetic-panda-bi/q6f-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000NBS5/FieldsAndRelationships/view>. The page title is "Trainer". On the left, there is a sidebar with various setup options like 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 titled "Fields & Relationships" and shows a table with 13 items, sorted by Field Label. The columns in the table are FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Age	Age_c	Formula (Number)		
Created By	CreatedById	Lookup(User)		
Date of Birth	Date_of_Birth_c	Date		
Email	Email_c	Email		
Experience	Experience_c	Picklist		
Expertise	Expertise__c	Text(80)		
Full Name	FullName_c	Text(50)		
Last Modified By	LastModifiedById	Lookup(User)		
LinkedIn Profile	LinkedIn_Profile_c	URL(255)		

The system status bar at the bottom shows "23°C", "ENG IN 10:01 2012", and a battery icon.

4.Meeting

The screenshot shows the Salesforce Object Manager interface for the 'Meeting' object. The top navigation bar includes 'Setup', 'Home', and 'Object Manager'. The main title is 'SETUP > OBJECT MANAGER Meeting'. On the left, a sidebar lists various configuration options under 'Fields & Relationships'. The main content area is titled 'Fields & Relationships' with a subtitle '8 Items, Sorted by Field Label'. It displays a table with columns: FIELD LABEL, FIELD NAME, DATA TYPE, and CONTROLLING FIELD. The table rows are:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD
Active	Active__c	Checkbox	
Created By	CreatedById	Lookup(User)	
Last Modified By	LastModifiedById	Lookup(User)	
Meeting ID	Name	Auto Number	
Meeting Link	Meeting_Link__c	URL(255)	
Owner	OwnerId	Lookup(User,Group)	
Valid From	Valid_From__c	Date	
Valid To	Valid_To__c	Date	

The bottom of the screen shows the Windows taskbar with icons for File Explorer, Edge, Mail, Task View, Google Chrome, and a messaging app. The system tray indicates a temperature of 23°C.

5. Batch Scheduling

The screenshot shows a computer monitor displaying the Salesforce Object Manager. The main window is titled "Batch Scheduling" and is currently viewing the "Fields & Relationships" section. There are 13 items listed, sorted by Field Label. The table includes columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Batch ID	Name	Auto Number		✓
Batch Type	Batch_Type__c	Picklist		✓
Course ID	Course_ID__c	Lookup(Course)		✓
Created By	CreatedById	Lookup(User)		
Details	Details__c	Formula (Text)		
End Date	End_Date__c	Date		
Last Modified By	LastModifiedById	Lookup(User)		
Meeting id	Meeting_id__c	Lookup(Meeting)		
Number Of Students Enrolled	Number_of_Students_Enrolled__c	Roll-Up Summary (COUNT Count)		

The left sidebar of the Object Manager lists various setup categories such as 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.

Validation Rules of Objects:

1.course

The screenshot shows the Salesforce Object Manager interface for the 'Course' object. On the left, a sidebar lists various setup options: 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, and Restriction Rules. The main content area is titled 'Validation Rules' and displays two items, sorted by Rule Name. The table has columns for Rule Name, Error Location, Error Message, Active status, and Modified By.

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
Course_Fees_Rule	Course Fee	Course Fees Cannot be Negative	✓	Mariya Mubeen, 1/8/2022, 7:35 PM
Course_Fees_Should_Be_Less_Rule	Course Fee	Course Fees Should Be Less than 3000\$	✓	Mariya Mubeen, 1/8/2022, 7:36 PM

2.Student

The screenshot shows the Salesforce Object Manager interface for the 'Student' object. The left sidebar lists various setup options like Details, Fields & Relationships, Page Layouts, etc. The main content area is titled 'Validation Rules' and displays four items sorted by Rule Name. A table provides details for each rule:

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
Age_Rule	Date Of Birth	student should be minimum 16 years of age	✓	Mariya Mubeen, 1/8/2022, 8:03 PM
Lastname_Rule	Last Name	Lastname should not be Blank	✓	Mariya Mubeen, 1/8/2022, 8:57 PM
Phone_Number_Rule	PhoneNumber	Phone should be minimum 10 digits	✓	Mariya Mubeen, 1/8/2022, 8:05 PM
whatsappNumber_Rule	Whatsapp Number	whatsappNumber should be minimum 10 digits	✓	Mariya Mubeen, 1/8/2022, 8:06 PM

3.Trainer

The screenshot shows the Salesforce Object Manager Validation Rules page for the 'Trainer' object. The left sidebar lists various setup categories like Details, Fields & Relationships, Page Layouts, etc. The main content area displays a table titled 'Validation Rules' with four items.

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
FullName_Rule	Full Name	FullName should not be Blank	✓	Mariya Mubeen, 1/8/2022, 7:56 PM
Phone_Number_Rule	PhoneNumber	Phone Number should accept minimum 10 digits and maximum 15 digits	✓	Mariya Mubeen, 1/8/2022, 7:51 PM
Trainer_Age_Rule	Date of Birth	Min 25 years of age will be required	✓	Mariya Mubeen, 1/8/2022, 6:01 AM
Whatsapp_Number_Rule	Whatsapp Number	Whatsapp Number should accept minimum 10 digits and maximum 15 digits	✓	Mariya Mubeen, 1/8/2022, 7:50 PM

4.Meeting

The screenshot shows the Salesforce Object Manager interface for the 'Meeting' object. The left sidebar lists various setup options like Details, Fields & Relationships, Page Layouts, etc. The main content area displays the 'Validation Rules' section, which lists three validation rules:

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
ValidTo_Rule	Valid To	ValidTo Cannot be less than Valid from	✓	Mariya Mubeen, 1/8/2022, 8:08 PM
valid_from_and_valid_to_Rule	Valid From	Minimum 14 days difference should be in between valid from and valid to	✓	Mariya Mubeen, 1/8/2022, 8:09 PM
Valid_From_Rule	Valid From	Valid From should not be less than current date	✓	Mariya Mubeen, 1/8/2022, 8:07 PM

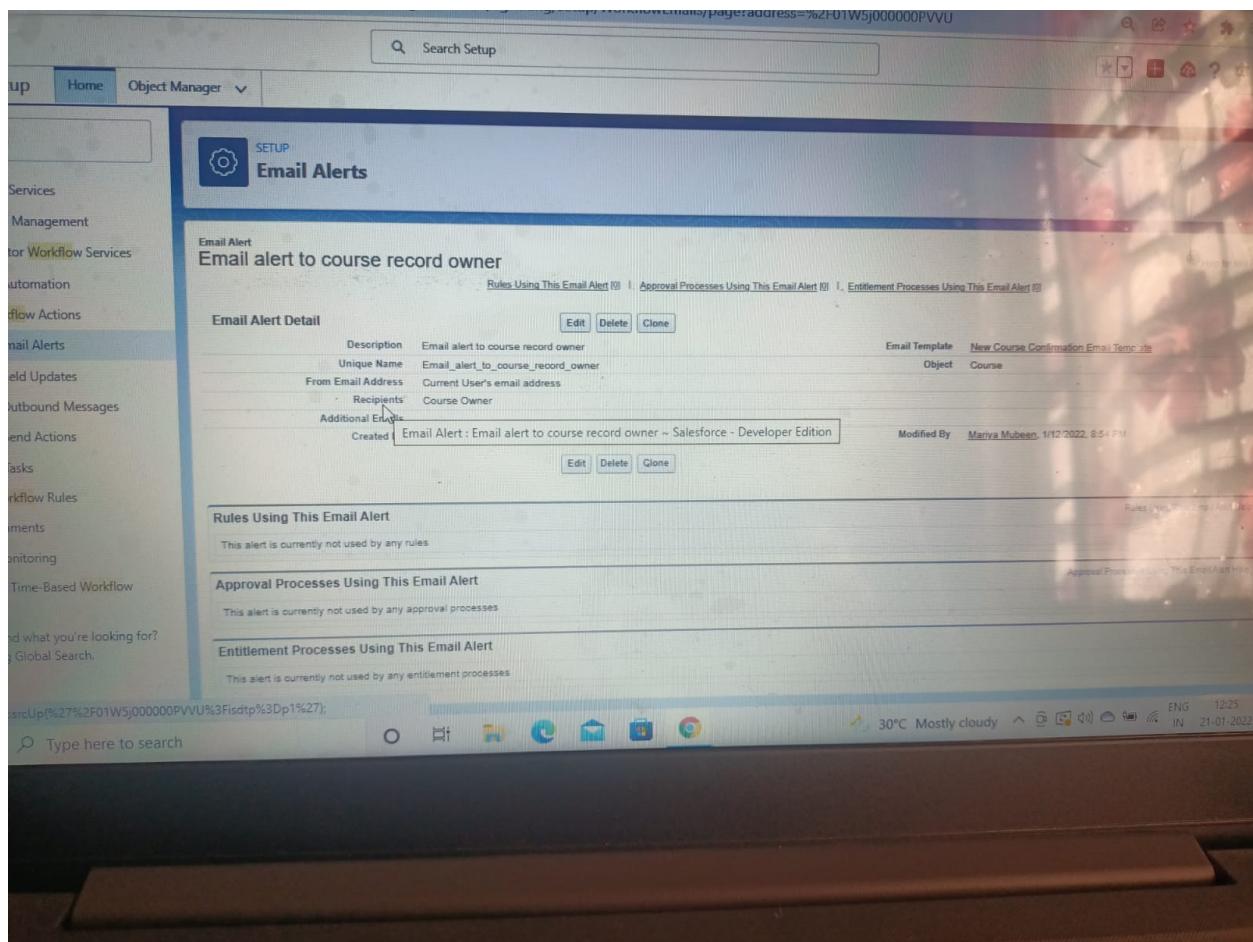
Day 3 :

Topic: Process Automation

Milestone / Activities: 1 . Creating Work Flow Rules On Meeting Object

Detailed Description: step1 :create work flow for meeting

Upload the Screenshot the Milestone / Activities :



Object Manager ▾

SETUP Email Alerts

Email Alert
Meeting Expiry Date Reminder Email Alert

Rules Using This Email Alert | Approval Processes Using This Email Alert | Entitlement Processes Using This Email Alert

Email Alert Detail

Description	Meeting Expiry Date Reminder Email Alert
Unique Name	Meeting_Expiry_Date_Reminder_Email_Alert
From Email Address	Current User's email address
Recipients'	Meeting Owner
Additional Emails	
Created By	Maria Mubarek 1/13/2022, 2:40 AM
Email Alert : Meeting Expiry Date Reminder Email Alert ~ Salesforce - Developer Edition	

Email Template: Meeting and date reminder email template

Object: Meeting

Modified By: Maria Mubarek 1/13/2022, 2:40 AM

Rules Using This Email Alert

This alert is currently not used by any rules

Approval Processes Using This Email Alert

This alert is currently not used by any approval processes

Entitlement Processes Using This Email Alert

This alert is currently not used by any entitlement processes

01W5j000000PVZR%3Fisotp%3Dp1%27;

30°C Mostly cloudy ENG 128 IN 21-01

The screenshot shows the Salesforce Setup interface under the Email Alerts section. A new email alert named 'Meeting Expiry Date Reminder Email Alert' is being configured. The alert is set to send from the current user's email address to the meeting owner. It uses the 'Meeting and date reminder email template'. The alert was created by Maria Mubarek on 1/13/2022 at 2:40 AM. The alert is currently not used by any rules, approval processes, or entitlement processes. The status bar at the bottom indicates it's 30°C, mostly cloudy, and the system is in English (ENG) with version 128, build 21-01.

https://empathetic-panda-bi7q6f-dev-ed.lightning.force.com/lightning/setup/WorkflowEmails/page?address=%2F01W5j000000PVZI

Search Setup

Home Object Manager

SETUP Email Alerts

Email Alert Meeting Expiry Date Reminder Email Alert before one day

Description: Meeting Expiry Date Reminder Email Alert before one day
Unique Name: Meeting_Expiry_Date_Reminder
From Email Address: Current User's email address
Recipients: Meeting Owner
Additional Emails: Created By: Manya Mubeen, 1/13/2022, 2:27 AM
Email Template: Meeting end date reminder email template
Object: Meeting
Modified By: Manya Mubeen, 1/13/2022, 2:27 AM

Rules Using This Email Alert

Action	Rule Name	Description	Object	Active
Edit Del Activate	rule for reminder		Meeting	

Approval Processes Using This Email Alert

This alert is currently not used by any approval processes

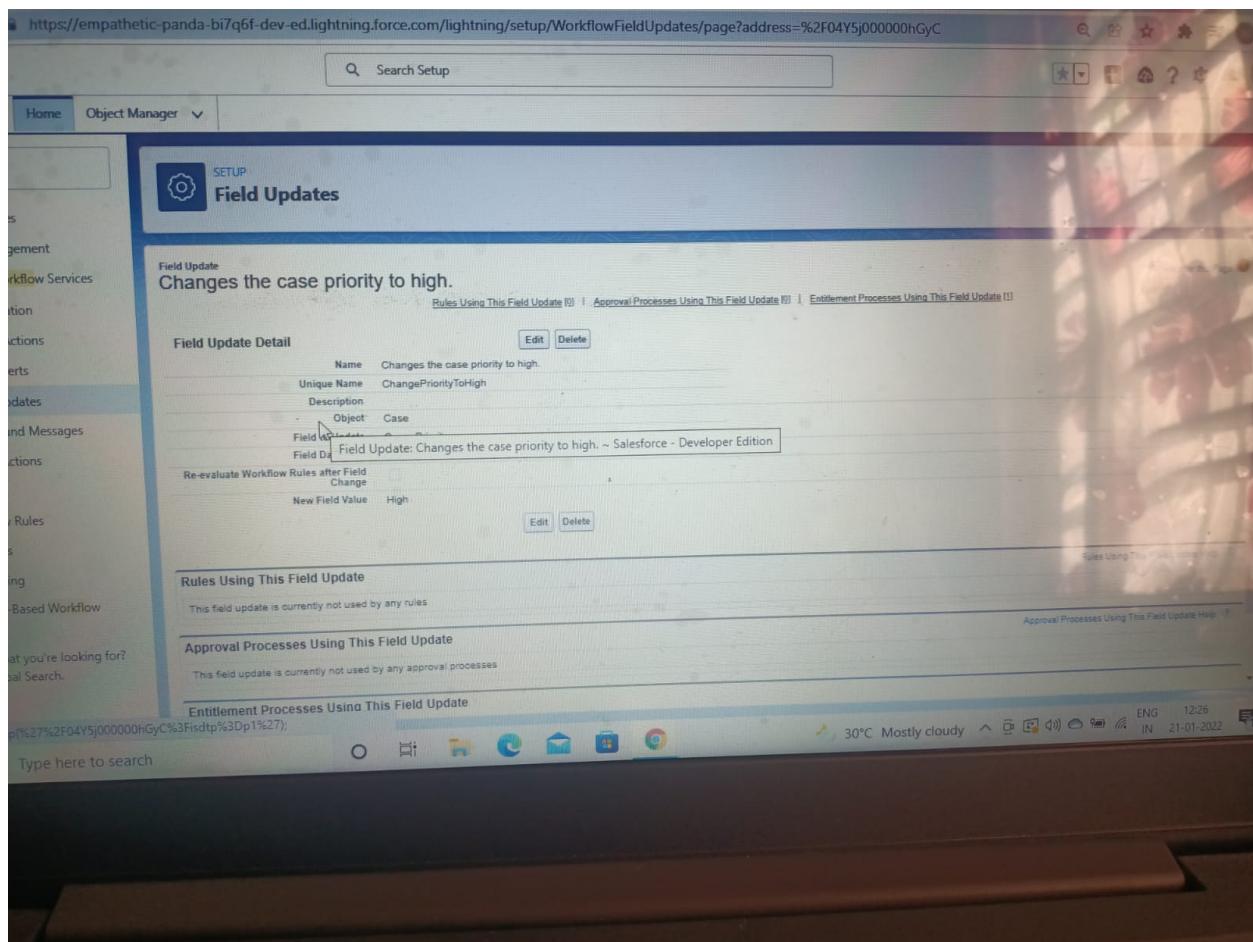
Entitlement Processes Using This Email Alert

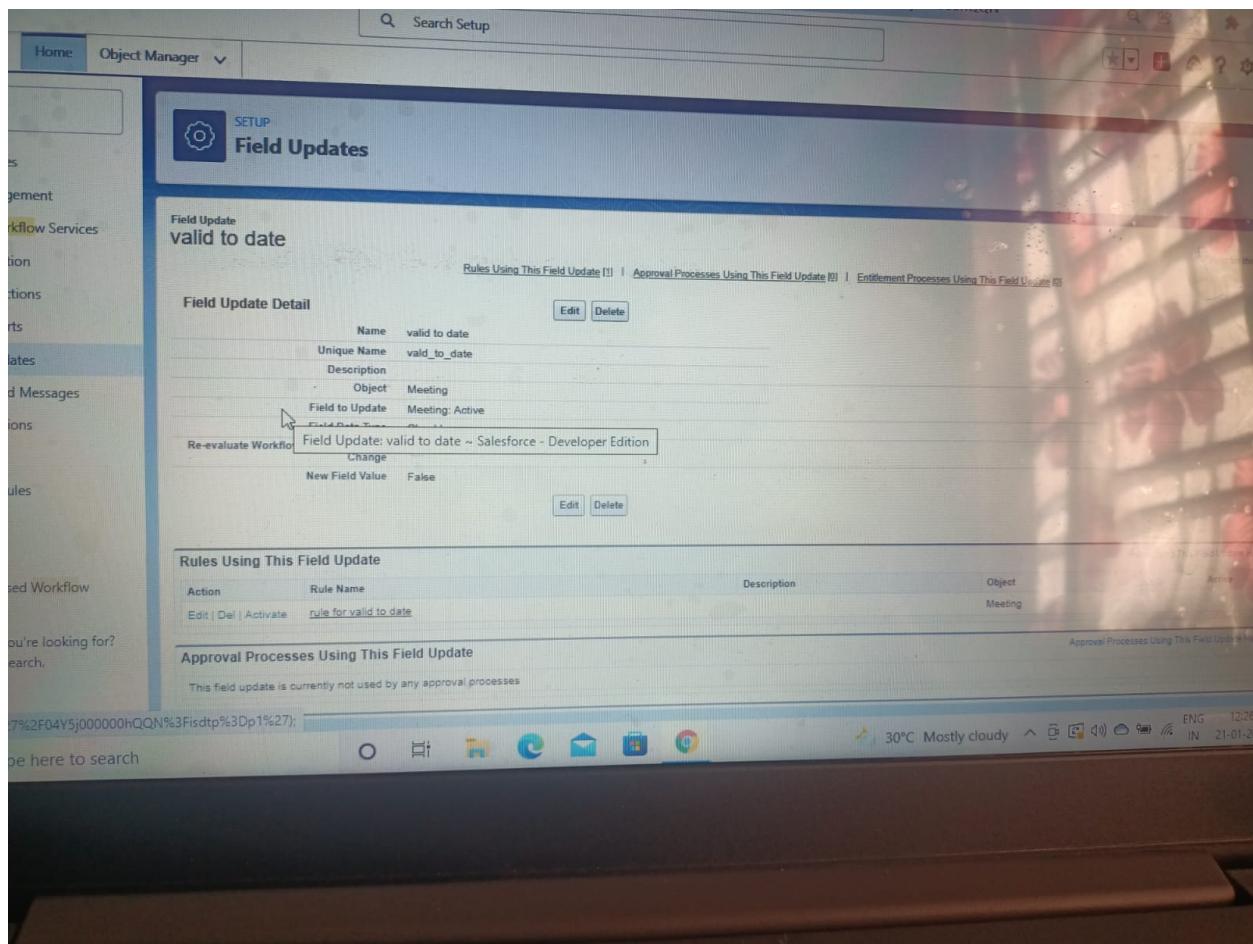
This alert is currently not used by any entitlement processes

Help for this Page

30°C Mostly cloudy ENG 12:26 IN 21-01-2022

Create Work Flow Rules On Class/Batch Object





Workflow | X | Labs | Sales | X | Page Edit | Page Edit | S-00002 | X | Home | Sales | Object Manager | +

pathetic-panda-bi7q6f-dev-ed.lightning.force.com/lightning/setup/WorkflowRules/page?address=%2F01Q5j00000PtC8&nodeId=WorkflowRules

Search Setup

Object Manager ▾

SETUP Workflow Rules

Workflow Rule rule for valid to date

Workflow Rule Detail

	Rule Name	Description	Object	Evaluation Criteria
Active	rule for valid to date		Meeting	Evaluate the rule when a record is created, and any time it's edited subsequently meet criteria
Rule Criteria	TODAY()-Valid_To__c= 1			
Created By	Mariya Mubeen	1/12/2022, 9:08 PM	Modified By	Mariya Mubeen, 1/12/2022, 9:08 PM

Workflow Actions

Immediate Workflow Action

Type	Description
Field Update	valid to date

Time-Dependent Workflow Actions [See an example](#)

No workflow actions have been added. Before adding a workflow action, you must have at least one time trigger defined.

ENGLISH 12:27 30°C Mostly cloudy 21-01-2023

Project Manager ▾

Search Setup

Workflow Rules

Workflow Rule
rule for reminder

Workflow Rule Detail

Rule Name	rule for reminder	Object	Meeting
Active	<input type="checkbox"/>	Evaluation Criteria	Evaluate the rule when a record is created, and any time it's edited to subsequently meet criteria
Description	Valid_To_c - TODAY () = 2	Created By	Mariya Mubeen, 1/12/2022, 9:14 PM
Rule Criteria	Valid_To_c - TODAY () = 2	Modified By	Mariya Mubeen, 1/13/2022, 2:34 AM

Workflow Actions

Workflow Rule: rule for reminder ~ Salesforce - Developer Edition

Immediate Workflow Actions

Type	Description
Email Alert	Meeting Expiry Date Reminder Email Alert before one day.

Time-Dependent Workflow Actions [See an example](#)

No workflow actions have been added. Before adding a workflow action, you must have at least one time trigger defined.

DPtC1%3FisdtP%3Dp1%27;

Search

30°C Mostly cloudy

ENG IN 12:26 21-01-2022

Creating Custom Pages Using Visualforce

Topic:

Creating Custom Pages Using Visualforce

Milestone / Activities: to learn salesforce.

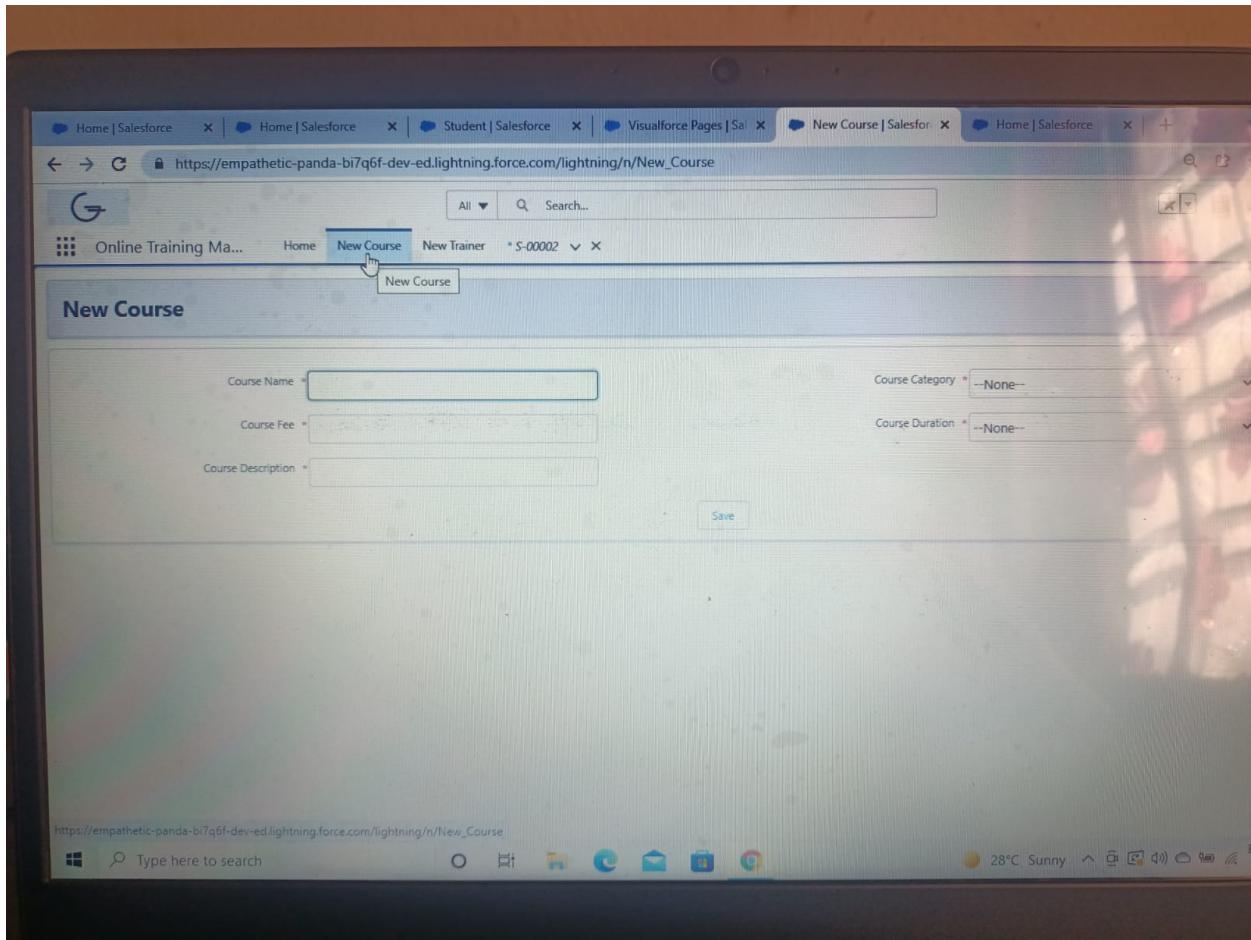
Creating New Course Using Custom Controller

Create New Trainer Using Custom Controller

Create New student Using Custom Controller

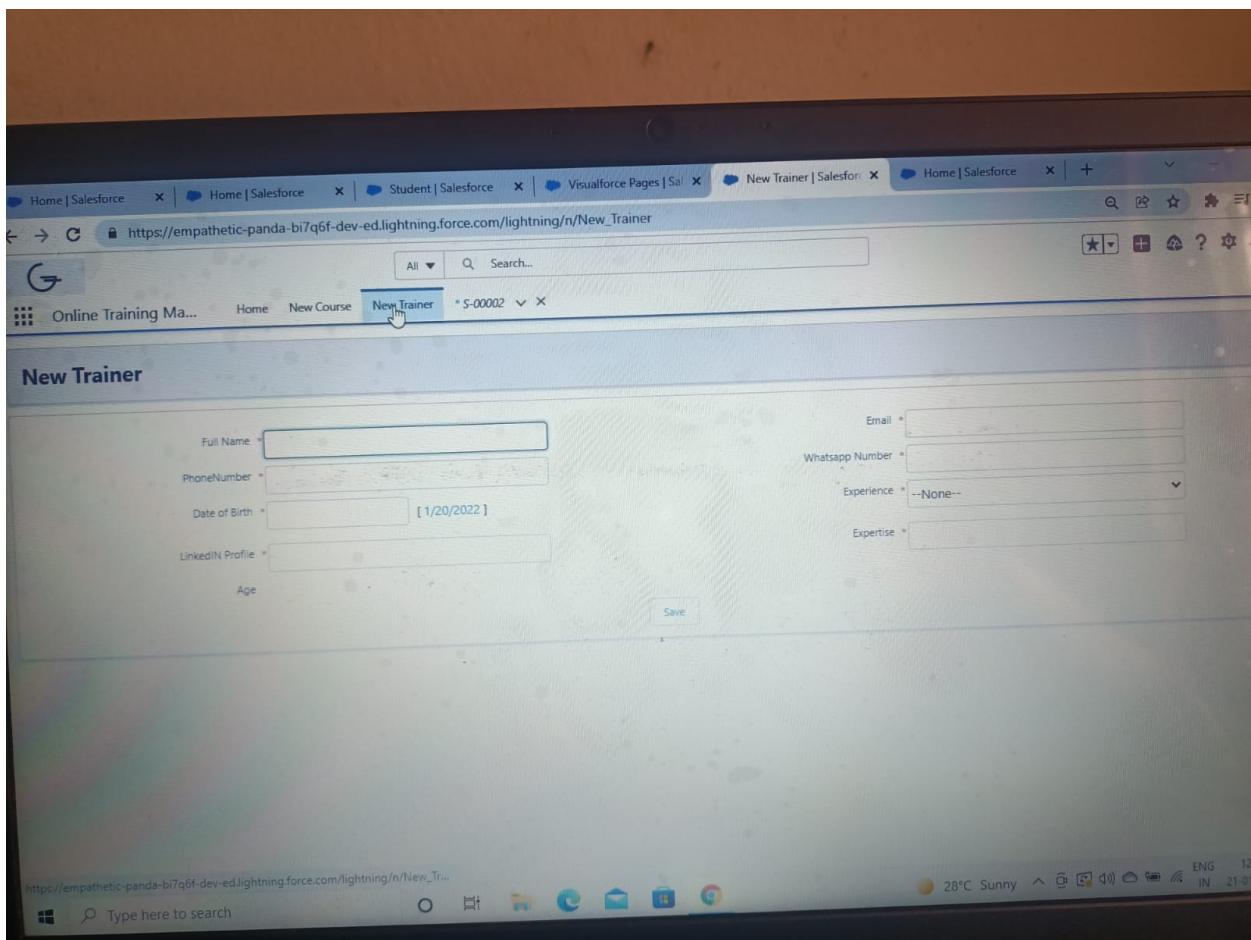
Create New meeting Using Custom Controller

Create New Batch Using Custom Controller



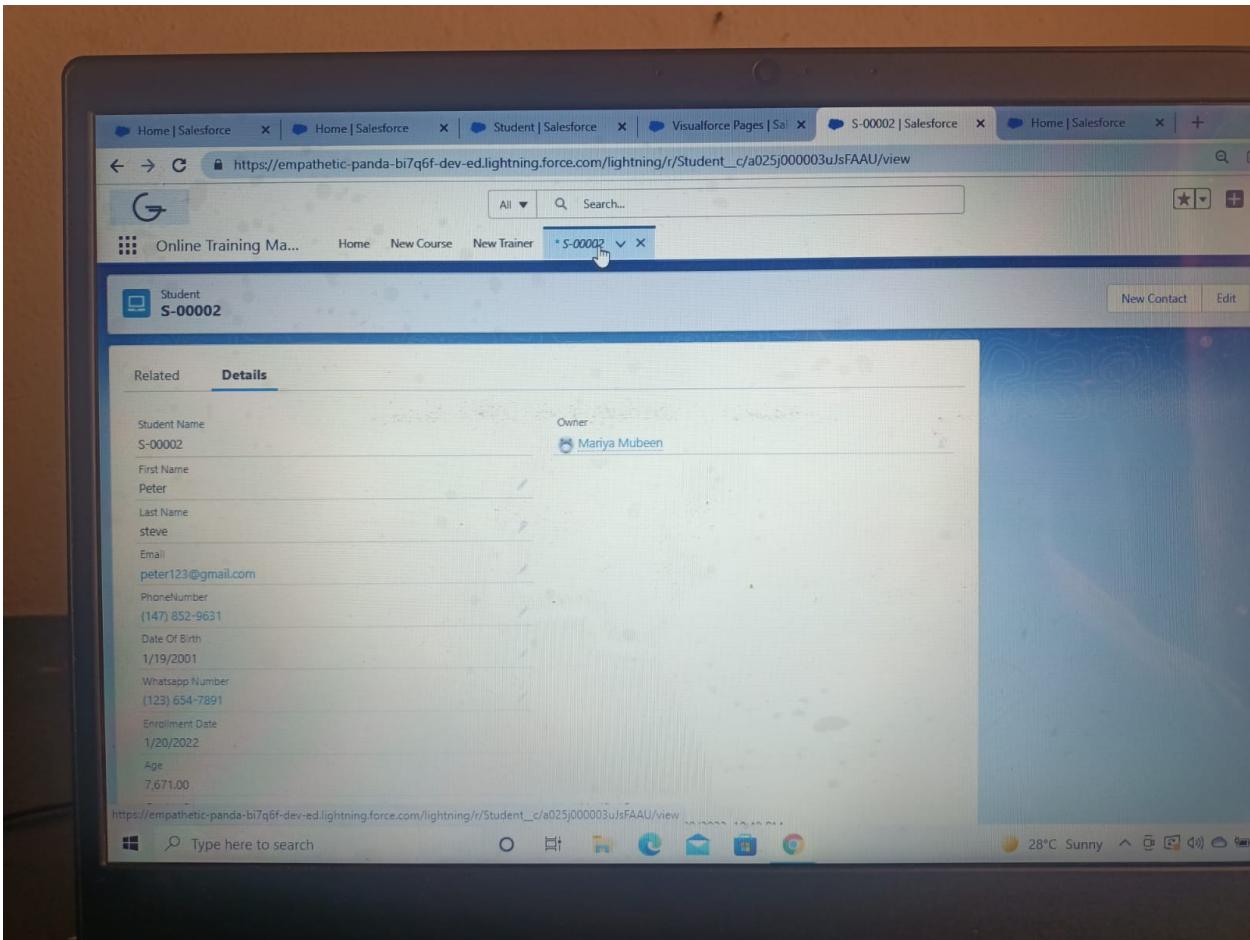
Detailed Description:Creating New Trainer using visualforce pages

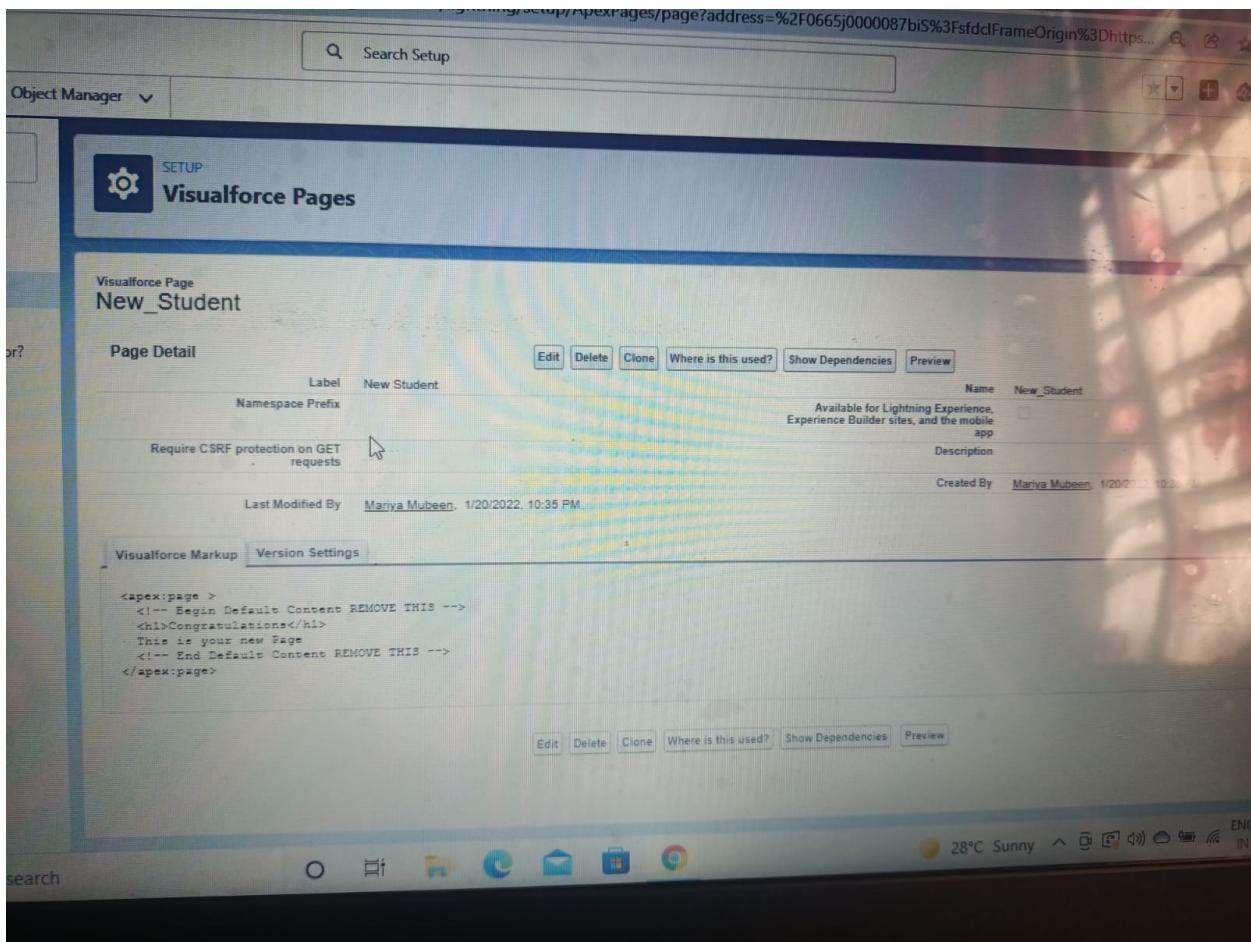
Upload the Screenshot the Milestone / Activities :



Detailed Description:Creating New Student using visualforce pages

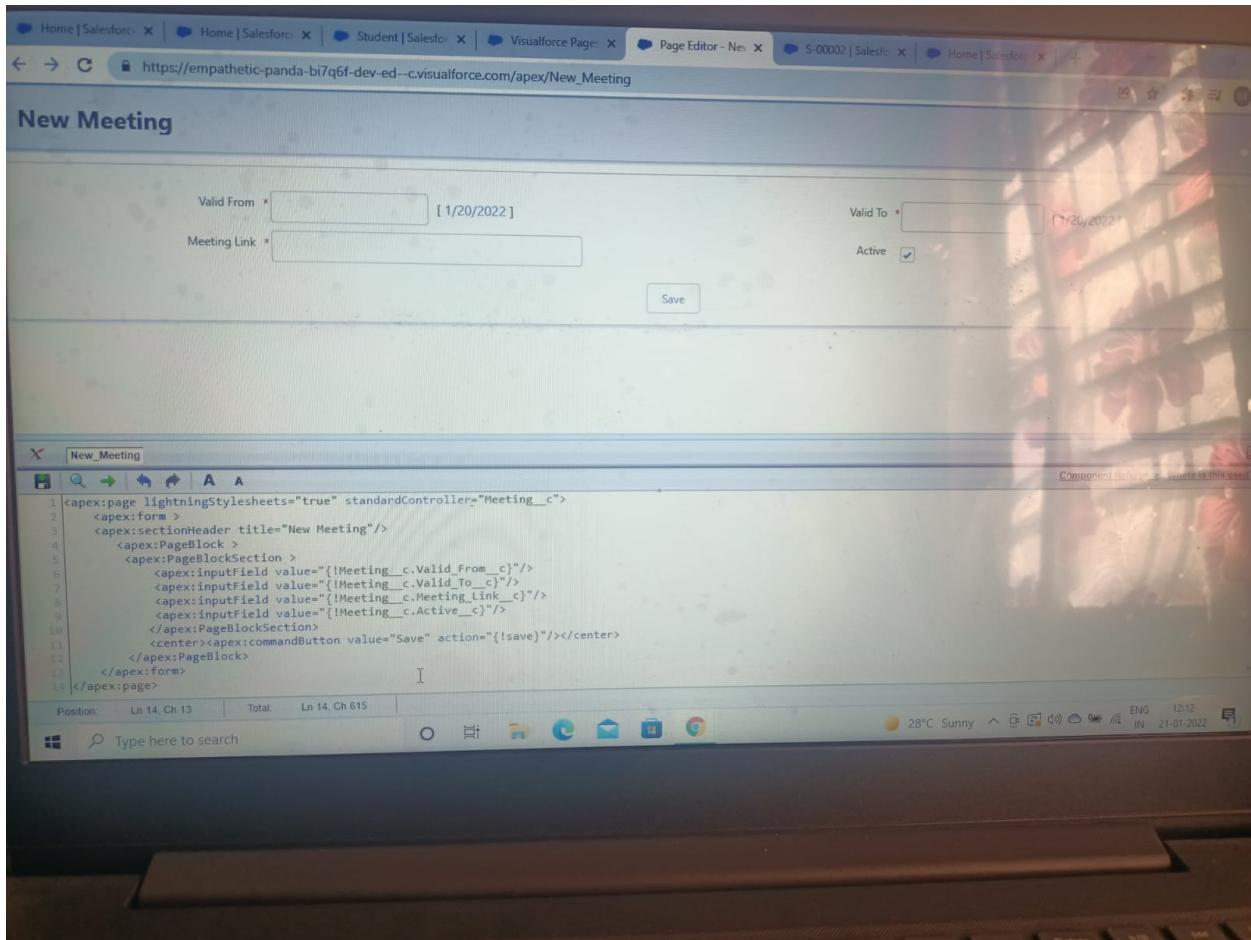
Upload the Screenshot the Milestone / Activities :





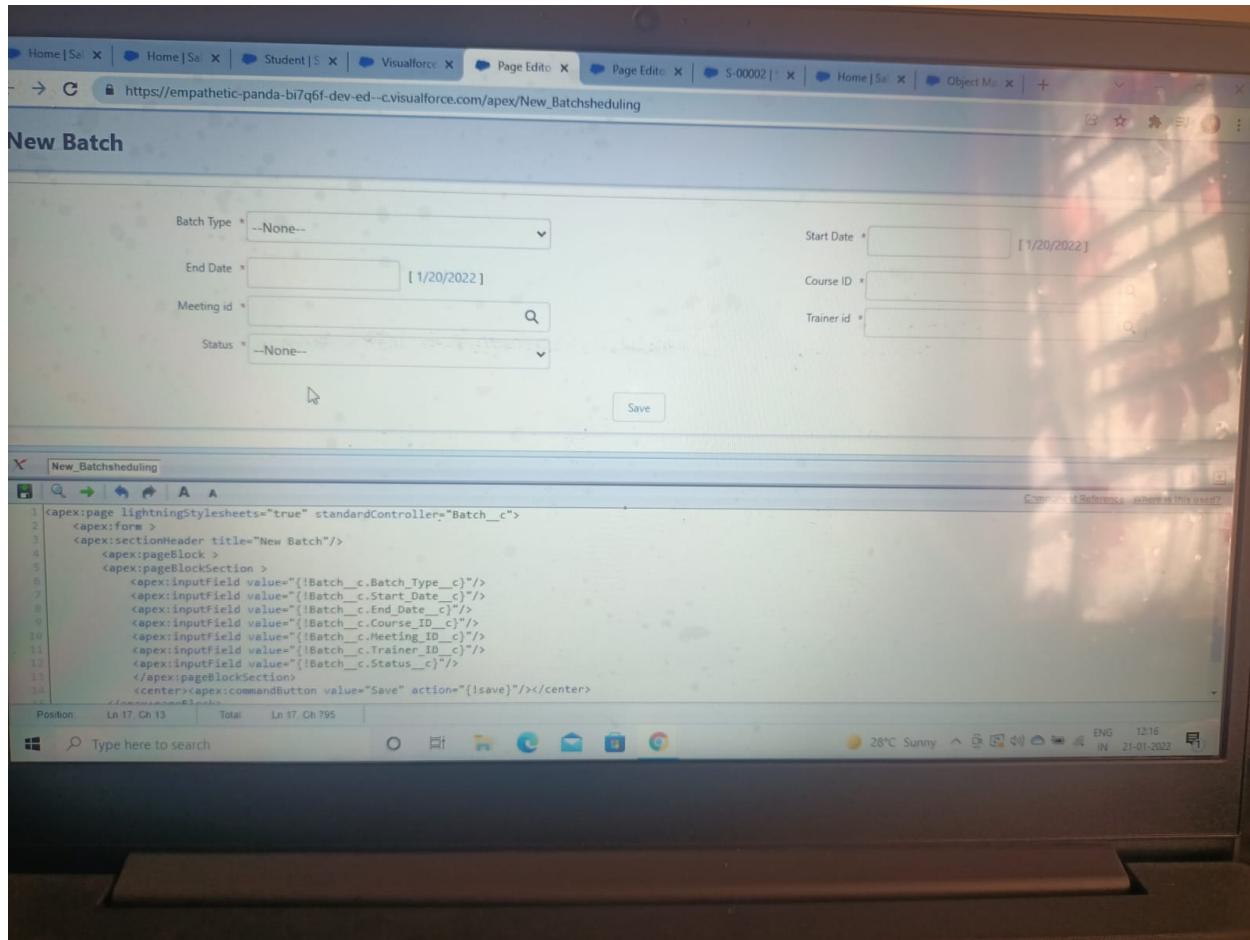
Detailed Description:Creating New Meeting using visualforce pages

Upload the Screenshot the Milestone / Activities :

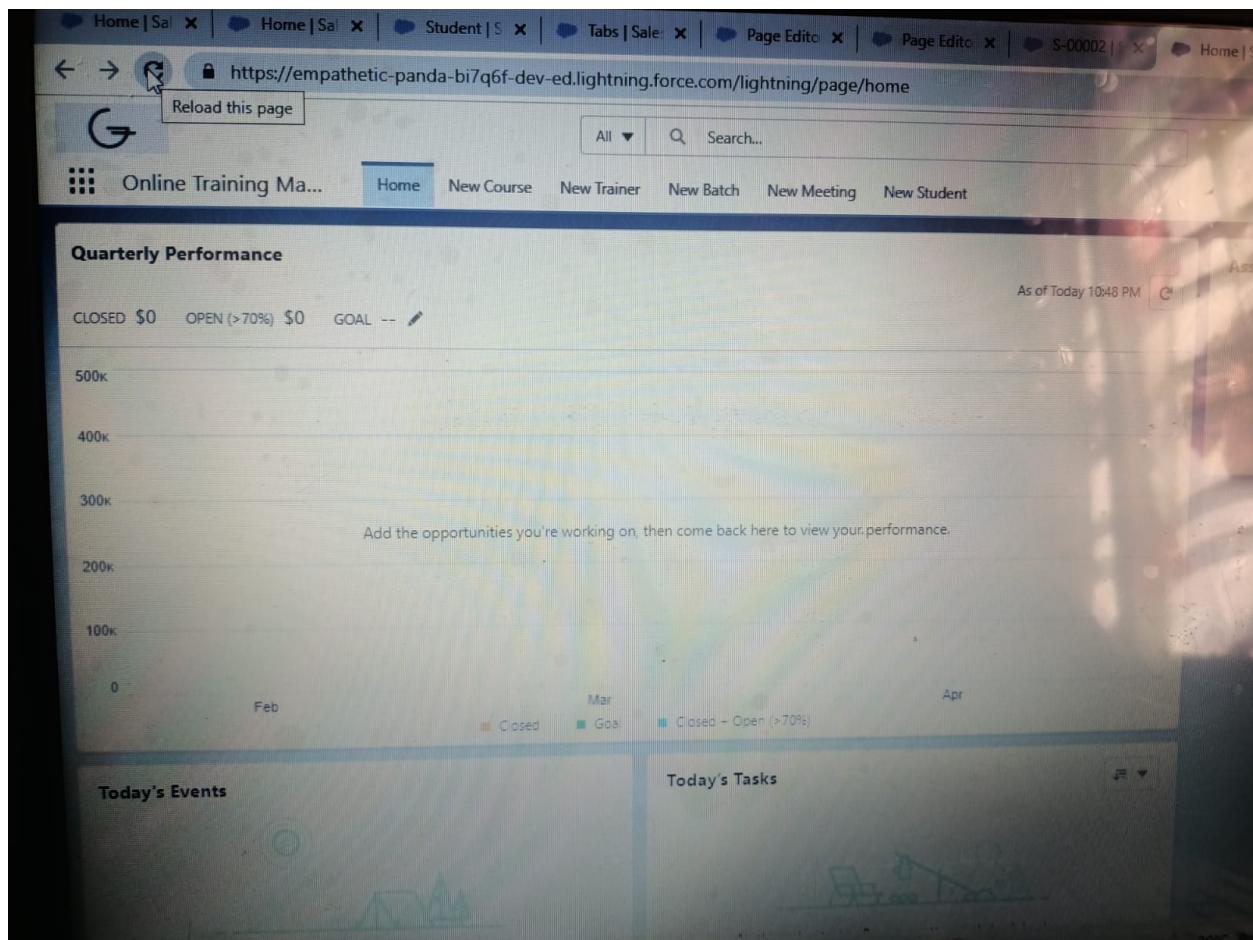


Detailed Description:Creating New Batch using visualforce pages

Upload the Screenshot the Milestone / Activities :



Creating Custom Pages Using Visualforce



Day :

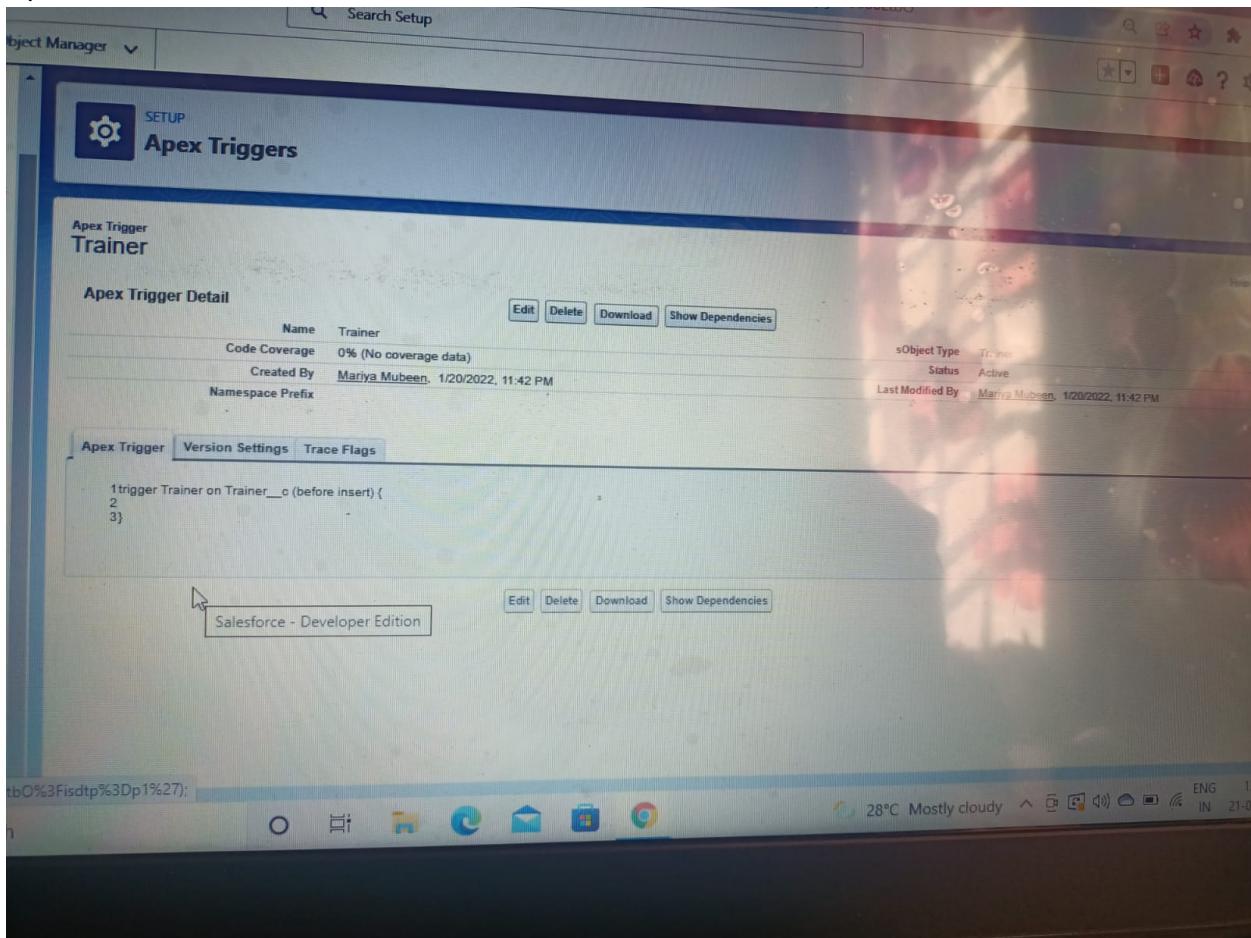
Topic:

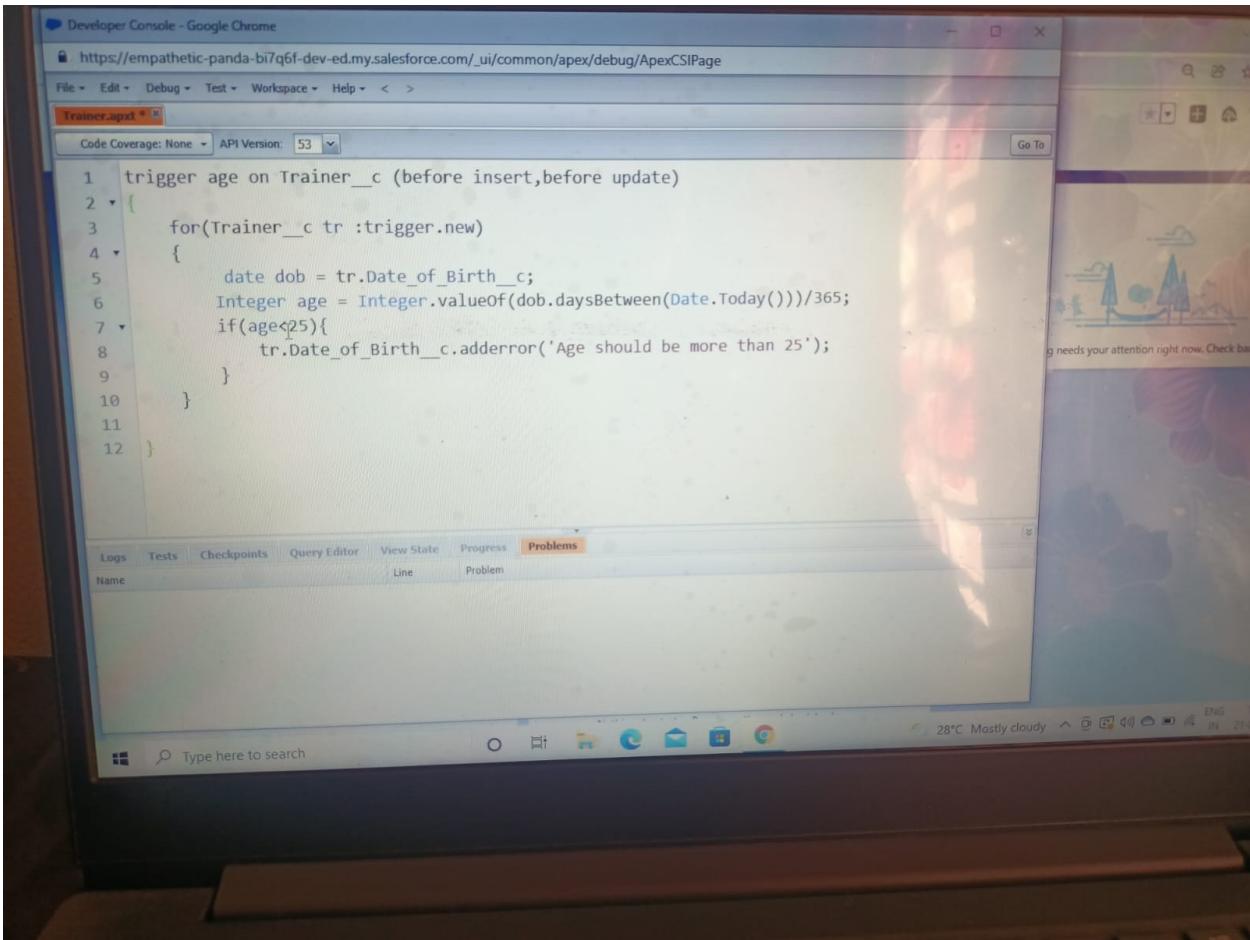
Triggers

Milestone / Activities: to learn salesforce:Trigger On Trainer Object

Detailed Description: object on trainer

Upload the Screenshot the Milestone / Activities :





```
trigger age on Trainer__c (before insert,before update)
{
    for(Trainer__c tr :trigger.new)
    {
        date dob = tr.Date_of_Birth__c;
        Integer age = Integer.valueOf(dob.daysBetween(Date.Today()))/365;
        if(age<25){
            tr.Date_of_Birth__c.adderror('Age should be more than 25');
        }
    }
}
```

object on Meeting

Upload the Screenshot the Milestone / Activities :

Manager ▾

SETUP Apex Triggers

Apex Trigger Meeting

Apex Trigger Detail

Name	Meeting
Code Coverage	0% (No coverage data)
Created By	Mariya Mubeen, 1/20/2022, 11:45 PM
Namespace Prefix	

sObject Type	Meeting
Status	Active
Last Modified By	Mariya Mubeen, 1/20/2022, 11:45 PM

Apex Trigger Version Settings Trace Flags

```
1trigger Meeting on Meeting__c (before insert) {  
2  
3}
```

Salesforce - Developer Edition

Edit Delete Download Show Dependencies

https://ed.my.salesforce.com/one/one.app#/alohaRedirect/01q5j000000LtbY?isdtp=p1

28°C Mostly cloudy ENG 13:1 ch IN 21-01-2022

Developer Console - Google Chrome

https://empathetic-panda-bi7q6f-dev-ed.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage

File Edit Debug Test Workspace Help < >

Trainer.apxt * Student.apxt * Meeting.apxt *

Code Coverage: None API Version: 53

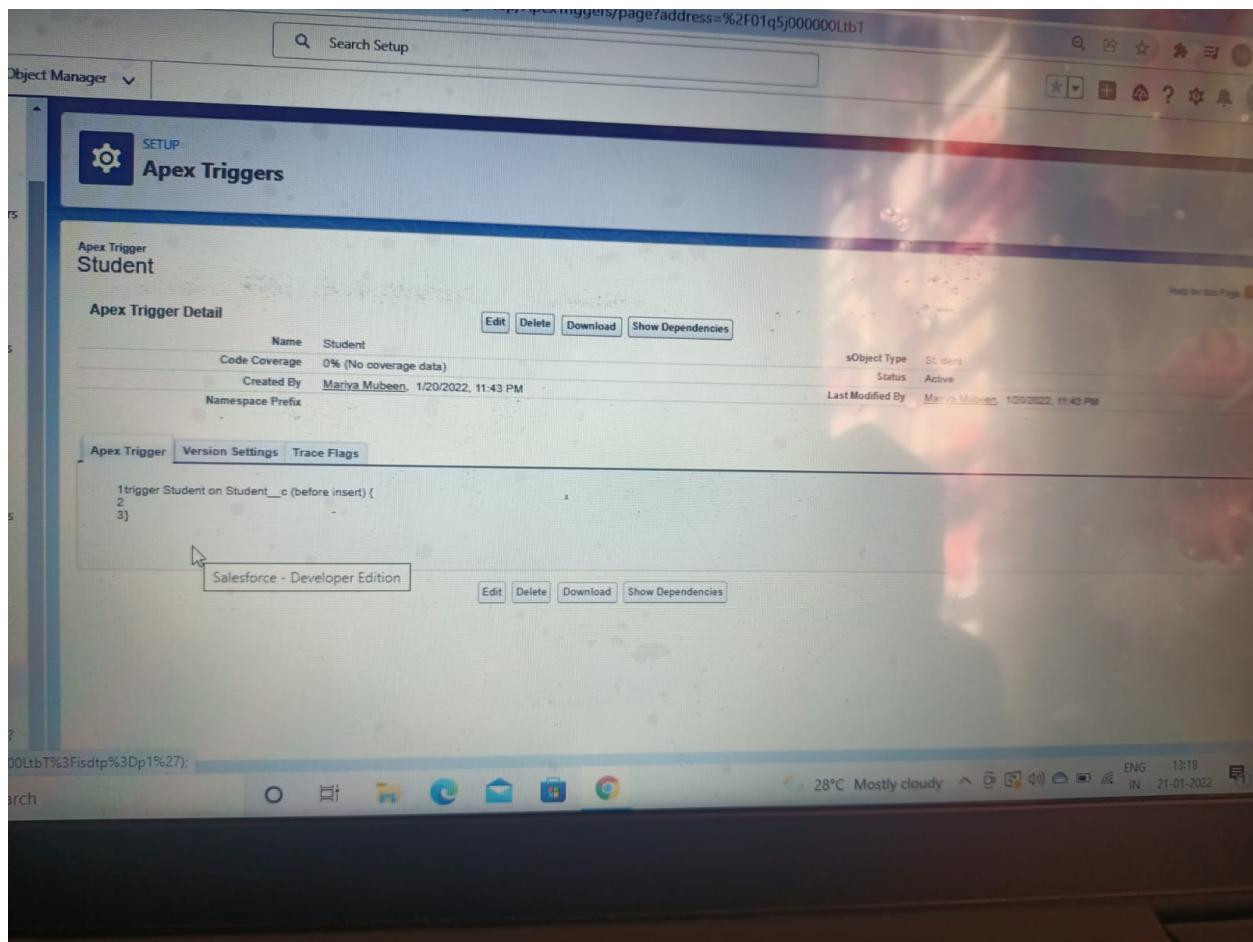
```
6     {
7         mt.Valid_From__c.adderror('Valid From Date Should Be Greater Than Today');
8     }
9     if(mt.Valid_To__c < mt.Valid_From__c)
10    {
11        mt.Valid_To__c.adderror('Valid To Date should be greater than valid from date');
12    }
13
14     Integer noOfDays = (mt.Valid_From__c).daysBetween(mt.Valid_To__c);
15     if(noOfDays < 14)
16    {
17        mt.Valid_From__c.adderror('Minimum 14 days difference should be present between dates');
18    }
19 }
20 }
```

Logs Tests Checkpoints Query Editor View State Progress Problems

Name Line Problem

object onStudent

Upload the Screenshot the Milestone / Activities :



File Edit Debug Test Workspace Help < >

Trainer.apxt * Student.apxt *

Code Coverage: None API Version: 53

```
1 trigger ageCheck on Student__c (before insert)
2 {
3
4     for(Student__c std :trigger.new)
5     {
6         date dob = std.Date_of_Birth__c;
7         Integer age = Integer.valueOf(dob.daysBetween(Date.Today())/365);
8         if(age<25){
9             std.Date_of_Birth__c.adderror('Age should be more than 16');
10        }
11    }
12
13
14 }
```

Logs Tests Checkpoints Query Editor View State Progress Problems

Type here to search

28°C Mostly cloudy