

## Lab Assignment 4

Start by creating an account at Salesforce

The screenshot shows the Salesforce Developer Edition Signup page. The left side features a blue background with white abstract shapes and a central image of a computer monitor displaying a dashboard. The right side contains the form fields for sign-up.

**Sign up for your Salesforce Developer Edition**  
A full-featured copy of the Platform, for free

First Name\*  Last Name\*

Email\*

Role\*

Company\*

Country/Region\*

Postal Code\*

Username\*

By registering, you confirm you have read and agree to the [Terms of Use](#) and the [Main Services Agreement](#) and to the storing and processing of your personal data by Salesforce as described in the [Privacy Statement](#), including use for marketing purposes.

**Sign me Up**

Already have a Salesforce Developer Environment? [Log In](#)

After creating account and verifying the account, I can see the homepage

The screenshot shows the Salesforce Lightning Experience homepage. At the top, there are three tabs: 'Successful Developer Edition' (active), 'Lab Assignment # 4 (Salesforce)', and 'Home | Salesforce'. The main header features a blue cloud icon, a search bar, and a 'Setup' button. Below the header, there's a 'Home' button and a 'Quick Find' input field. On the left, a sidebar contains sections for 'Setup Home', 'Service Setup Assistant', 'Multi-Factor Authentication Assistant', 'Release Updates', 'Lightning Experience Transition Assistant', 'New Salesforce Mobile App QuickStart', 'Lightning Usage', 'Optimizer', 'ADMINISTRATION' (with sub-options for Users, Data, Email), and 'PLATFORM TOOLS' (with sub-options for Apps, Feature Settings, Einstein, Objects and Fields, Events, Process Automation, and User Interface). The central content area has a 'Home' title and three cards: 'Get Started with Einstein Bots' (Launch an AI-powered bot to automate your digital connections), 'Mobile Publisher' (Use the Mobile Publisher to create your own branded mobile app), and 'Real-time Collaborative Docs' (Transform productivity with collaborative docs, spreadsheets, and slides inside Salesforce). Below these cards is a section titled 'Most Recently Used' showing one item: 'Savleen Kaur' (User). A 'Create' button is located in the top right corner.

Click on View Profile and then click on view Salesforce Classic Mode

The screenshot shows the Salesforce Classic Mode homepage. At the top, there are three tabs: 'Lab Assignment # 4 (Salesforce)', 'Salesforce - Developer Edition' (active), and 'Home | Salesforce'. The main header includes a 'salesforce' logo, a search bar, and a 'Switch to Lightning Experience' link. The top navigation bar has links for 'Home', 'Chatter', 'Libraries', 'Content', 'Subscriptions', and a '+' button. On the left, there's a 'Create New...' button, a 'Recent Items' section with a 'Savleen Kaur' entry, and a 'Recycle Bin' button. The central content area features a profile card for 'Savleen Kaur' (Thursday April 14, 2022), a 'Post' button, a 'File' button, a 'New Event' button, and a 'More' button. Below this is a 'Share' button and a 'Recommendations' section with a link to 'Download Salesforce'. There's also a 'Skip >' button. The bottom of the page is divided into three sections: 'Calendar' (showing an empty calendar for April 2022), 'My Tasks' (showing an empty list), and 'Items to Approve' (showing an empty list). A 'Content' tab is visible at the top right.

Click on + icon and then choose “Accounts”

The screenshot shows the Salesforce classic interface. At the top, there are two tabs: "Lab Assignment # 4 (Salesforce)" and "All Tabs ~ Salesforce - Developer". Below the tabs is the URL "stevensinstitutetechno20-dev-ed.my.salesforce.com/home/showAllTabs.jsp". The main content area is titled "All Tabs" and contains a list of various tabs. On the left, under "Recent Items", there is a "Recycle Bin" section. On the right, there is a grid of icons for different objects like Accounts, Individuals, Invoices, Leads, etc. A blue "+" button is located at the top center of the list.

Click on “New”

The screenshot shows the Salesforce Lightning Experience interface. At the top, there are two tabs: "Lab Assignment # 4 (Salesforce)" and "Accounts: Home ~ Salesforce". Below the tabs is the URL "stevensinstitutetechno20-dev-ed.my.salesforce.com/001/o". The main content area is titled "Accounts Home". It features a "Recent Accounts" section with a "New" button and a "Reports" section with links like "Active Accounts" and "Import Accounts & Contacts". A blue "+" button is located at the top center of the "Recent Accounts" section.

Give Account name as SAVLEEN KAUR and click on Save

The screenshot shows two consecutive screenshots of the Salesforce Lightning Experience interface.

**Screenshot 1: Account Edit - New Account**

This screen displays the "Account Edit" form for creating a new account. The "Account Name" field is populated with "SAVLEEN KAUR". Other fields include "Parent Account" (empty), "Account Number" (empty), "Account Site" (empty), "Type" (dropdown: "None"), "Industry" (dropdown: "None"), "Annual Revenue" (empty), "Rating" (dropdown: "None"), "Phone" (empty), "Fax" (empty), "Website" (empty), "Ticker Symbol" (empty), "Ownership" (dropdown: "None"), "Employees" (empty), and "SIC Code" (empty). Buttons at the top right include "Save", "Save & New", and "Cancel". A banner at the top says "It's Better in Lightning" and "Move to Lightning Experience and give your users a productivity boost".

**Screenshot 2: Account Detail - SAVLEEN KAUR**

This screen shows the details of the newly created account. The account name is "SAVLEEN KAUR". The "Account Detail" section includes fields for "Account Owner" (Savleen Kaur [Change]), "Account Name" (SAVLEEN KAUR [View Hierarchy]), "Parent Account" (empty), "Account Number" (empty), "Account Site" (empty), "Type" (empty), "Industry" (empty), "Annual Revenue" (empty), "Billing Address" (empty), "Customer Priority" (empty), "SLA Expiration Date" (empty), "Number of Locations" (empty), and "Active" (checkbox checked). To the right of these fields are columns for "Rating", "Phone", "Fax", "Website", "Ticker Symbol", "Ownership", "Employees", "SIC Code", "Shipping Address", "SLA", "SLA Serial Number", and "Upsell Opportunity". The "Sharing" tab is selected. A sidebar on the left lists recent items, including "SAVLEEN KAUR". A banner at the top says "It's Better in Lightning" and "Move to Lightning Experience and give your users a productivity boost".

# Creating Custom Objects and Fields

Click on Setup and search for Objects

The screenshot shows the Salesforce Setup interface. A yellow 'Welcome to the Improved Setup!' box is prominently displayed in the center. It contains a brief introduction for new users and three buttons: 'No Thanks', 'Show Me Later', and 'Start Tour'. To the right of this box, there's a 'Dismiss x' button. Below the tour box, there's a 'Recent Items' section showing a single entry for 'Savleen Kaur' (User). The left sidebar includes sections for 'Administrator' (with links like Release Updates, Manage Users, Manage Apps, etc.) and 'Salesforce Mobile Quick Start'. The main content area has 'Quick Links' for Tools (App Quick Start, Schema Builder, New custom object), Security (New profile, New permission set, Add roles), and Data (Import accounts & contacts, Import custom objects, Mass delete records). On the right, there are promotional boxes for Trailhead (VIEW FREE TUTORIALS), Browse Docs, Ask Questions, and Recommended Apps (FinancialForce).

This screenshot is nearly identical to the one above, showing the same 'Welcome to the Improved Setup!' tour and the 'Recent Items' section. However, the left sidebar has been modified to show the 'OBJECTS' tab selected, revealing sections for 'Build' (Customize, Create, Develop), 'Create' (Objects, Big Objects, External Objects), and 'Develop' (External Objects). The rest of the interface, including the 'Quick Links', 'Community' section, and right-side promotions, remains the same.

## Click on New Custom Object

The screenshot shows the Salesforce Setup interface. In the top navigation bar, there are tabs for 'Lab Assignment # 4 (Salesforce)', 'Custom Objects - Salesforce', and a '+' button. Below the tabs, the URL is stevensinstitutetechnol20-dev-ed.my.salesforce.com/p/setup/custent/CustomObjectsPage?retURL=%2Fui%2Fsetup%2FSetup%3Fsetupid%3DDevTools&setupid=Cu...'. The main content area has a header 'Custom Objects' with a sub-header: 'Custom objects are database tables that allow you to store data specific to your organization in Salesforce. You can use custom objects to extend Salesforce functionality or to build new application functionality.' A note below states: 'Once you have created a custom object, you can create a custom tab, custom related lists, reports, and dashboards for users to interact with the custom object data. You can also access custom object data through the API.' At the bottom of the main content, there are two buttons: 'New Custom Object' and 'Schema Builder'. To the left of the main content, there is a sidebar with sections for 'Lightning Experience Transition Assistant' (with a 'Get Started' button), 'Salesforce Mobile Quick Start', 'Home', and 'Administrator' (listing various management options like Release Updates, Manage Users, Manage Apps, etc.). On the right side of the main content, there is a small screenshot of the Salesforce Visualforce editor.

Give in the following details:

Label: Student Information

Plural Label: Student Information

Object Name: Student\_Information

Context-Sensitive Help Setting: Open a window using a Visualforce page

Record Name: Student Name

Data Type: Text

Optional Features: All Checked except Enable Licensing

Object Classification: All Checked

Deployment Status: Deployed

Search Status: Unchecked Allow Search

Object Creation Options (Available only when custom object is first created):

Launch New Custom Tab Wizard after saving this custom object

The screenshot shows the 'Edit Custom Object: Student Information' page in the Salesforce Lightning Experience. The left sidebar includes sections for Lightning Experience Transition Assistant, Salesforce Mobile Quick Start, Home, and Administrator (with various sub-options like Release Updates, Manage Users, etc.). The main content area is titled 'Custom Object Definition Edit' and contains the following fields:

- Custom Object Information:**
  - Label: Student Information (Example: Account)
  - Plural Label: Student Information (Example: Accounts)
  - Starts with vowel sound:
- Object Name:** Object Name: Student\_Information (Example: Account)
- Description:** A large text input field.
- Context-Sensitive Help Setting:**
  - Open the standard Salesforce.com Help & Training window
  - Open a window using a Visualforce page
- Content Name:** Content Name:
- Enter Record Name Label and Format:**
  - Record Name: Student Information Na (Example: Account Name)
  - Data Type: Text
- Optional Features:**
  - Allow Reports
  - Allow Activities
  - Track Field History
  - Allow in Chatter Groups
  - Enable Licensing

The screenshot shows the 'New Custom Object ~ Salesforce' page in the Salesforce Classic interface. The left sidebar includes sections for Mobile Administration, Desktop Administration, Outlook Integration and Sync, Gmail Integration and Sync, Email Administration, Google Apps, Analytics, Data.com Administration, Build, Create, Objects (with sub-options like Big Objects, Picklist Value Sets, Packages, Report Types, Tabs, Global Actions, Workflow & Approvals), Develop, Lightning Bolt, Schema Builder, Lightning App Builder, Canvas App Previewer, Installed Packages, Package Usage, AppExchange Marketplace, Deploy, Deployment Settings, Deployment Status, and Monitor. The main content area is titled 'New Custom Object ~ Salesforce' and contains the following fields:

- Data Type:** Text
- Optional Features:**
  - Allow Reports
  - Allow Activities
  - Track Field History
  - Allow in Chatter Groups
  - Enable Licensing
- Object Classification:**
  - Allow Sharing
  - Allow Bulk API Access
  - Allow Streaming API Access
- Deployment Status:**
  - In Development
  - Deployed
- Search Status:**
  - Allow Search
- Object Creation Options (Available only when custom object is first created):**
  - Add Notes and Attachments related list to default page layout
  - Launch New Custom Tab Wizard after saving this custom object

After this, click on Save

Click on tab style, I have selected Hot Air Balloon and then click on Next, then Next and Save

New Custom Object Tab

Step 1. Enter the Details

Choose the custom object for this new custom tab. Fill in other details.

Select an existing custom object or [create a new custom object now](#).

Object: Student Information

Tab Style: Hot Air Balloon

(Optional) Choose a Home Page Custom Link to show as a splash page the first time your users click on this tab.

Splash Page Custom Link: None

Description:

Next Cancel

Tab Style Selector

Create your own style

## Creating Custom Fields

**New Custom Object Tab**

**Step 2. Add to Profiles** Step 2 of 3

Choose the user profiles for which the new custom tab will be available. You may also examine or alter the visibility of tabs from the detail and edit pages of each profile.

Apply one tab visibility to all profiles (Default On)  Apply a different tab visibility for each profile

Profile	Tab Visibility
Analytics Cloud Integration User	Default On
Analytics Cloud Security User	Default On
Authenticated Website	Default On
Authenticated Website	Default On
Contract Manager	Default On
Cross Org Data Proxy User	Default On
Custom: Marketing Profile	Default On
Custom: Sales Profile	Default On
Custom: Support Profile	Default On
Customer Community Login User	Default On
Customer Community Plus Login User	Default On
Customer Community Plus User	Default On
Customer Community User	Default On
Customer Portal Manager Custom	Default On
Customer Portal Manager Standard	Default On
External Apps Login User	Default On
External Identity User	Default On

Goto Custom Fields & Relationships and click on New

**Custom Object**  
**Student Information**

Standard Fields (4) | Custom Fields & Relationships (0) | Validation Rules (0) | Page Layouts (1) | Field Sets (0) | Compact Layouts (1) | Search Layouts (0) | Buttons, Links, and Actions (8) | Record Types (0) | Apex Sharing Reasons (0) | Apex Sharing Recalculation (0) | Object Limits (10)

**Custom Object Definition Detail**

Singular Label	Description
Student Information	Enable Reports ✓
Plural Label	Track Activities ✓
Object Name	Allow in Chatter Groups ✓
API Name	Allow Sharing ✓
	Allow Bulk API Access ✓
	Allow Streaming API Access ✓
	Track Field History ✓
	Enable Licensing □
	Deployment Status Deployed
	Allow Search ✓
Created By	Help Settings Standard salesforce.com Help Window
	Modified By Savleen Kaur, 4/14/2022, 10:06 AM

**Standard Fields**

Action	Field Label	Field Name	Data Type	Controlling Field	Indexed	Track History
Created By	Created By	CreatedBy	Lookup(User)			□
Last Modified By	Last Modified By	LastModifiedBy	Lookup(User)			□
Edit	Owner	Owner	Lookup(User, Group)		✓	□
Edit	SAVLEEN KAUR	Name	Text(80)		✓	□

**Custom Fields & Relationships**

New Field Dependencies Set History Tracking

No custom fields defined

For the first Custom Field, give the following details:

Department:

Field Type: Text Area Long

Field Label: Department

Field Name: Department

Visible: Checked

Add to page layouts: Student Information Layout Checked

This is the default page, choose Text area long as the Field Type

The screenshot shows the Salesforce Setup interface for creating a new custom field. The page title is "Student Information: New Cust...". The left sidebar includes links for Home, Chatter, Libraries, Content, Subscriptions, Student Information, and various Admin sections like Home, Administrator, and Security Controls. The main content area is titled "New Custom Field" and "Step 1. Choose the field type". It asks to specify the type of information the custom field will contain. Under "Data Type", the "Auto Number" option is selected, which is described as a system-generated sequence number. Other options shown include Formula, Roll-Up Summary, Lookup Relationship, Master-Detail Relationship, External Lookup Relationship, Checkbox, Currency, Date, and Date/Time.

Chrome File Edit View History Bookmarks Profiles Tab Window Help

Mod09\_ANN\_Matrix\_LaRose Lab Assignment # 4 (Salesforce) Student Information: New Cust Assignment 2: Due May 2, 2022

stevensinstituteoftechnol20-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager?entity=01l8b000000f8n

Manage Apps Manage Territories Company Profile Data Classification Privacy Center Security Controls Domain Management Communication Templates Translation Workbench Data Management Mobile Administration Desktop Administration Outlook Integration and Sync Gmail Integration and Sync Email Administration Google Apps Analytics Data.com Administration

**Build**

- Customize
- Create
- Develop
- Lightning Bolt**
- Schema Builder
- Lightning App Builder
- Canvas App Previewer
- Installed Packages
- Package Usage
- AppExchange Marketplace

Master-Detail Relationship  
Creates a special type of parent-child relationship between this object (the child, or "detail") and another object (the parent, or "master") where:  

- The relationship field is required on all detail records.
- The relationship field of all detail records is determined by the master record.
- When a user deletes the master record, all detail records are deleted.
- You can create rollup summary fields on the master record to summarize the detail records.

The relationship field allows users to click on a lookup icon to select a value from a popup list. The master object is the source of the values in the list.

External Lookup Relationship  
Creates a relationship that links this object to an external object whose data is stored outside the Salesforce org.

Checkbox  
Allows users to select a True (checked) or False (unchecked) value.

Currency  
Allows users to enter a dollar or other currency amount and automatically formats the field as a currency amount. This can be useful if you export data to Excel or another spreadsheet.

Date  
Allows users to enter a date or pick a date from a popup calendar.

Date/Time  
Allows users to enter a date and time, or pick a date from a popup calendar. When users click a date in the pop-up, that date and the current time are entered into the Date/Time field.

Email  
Allows users to enter an email address, which is validated to ensure proper format. If this field is specified for a contact or lead, users can choose the address when clicking Send an Email. Note that custom email addresses cannot be used for mass emails.

Geolocation  
Allows users to define locations. Includes latitude and longitude components, and can be used to calculate distance.

Number  
Allows users to enter any number. Leading zeros are removed.

Percent  
Allows users to enter a percentage number, for example, '10' and automatically adds the percent sign to the number.

Phone  
Allows users to enter any phone number. Automatically formats it as a phone number.

Picklist  
Allows users to select a value from a list you define.

Picklist (Multi-Select)  
Allows users to select multiple values from a list you define.

Text  
Allows users to enter up to 255 characters on separate lines.

Text Area  
Allows users to enter up to 131,072 characters on separate lines.

Text Area (Long)  
Allows users to enter formatted text, add images and links. Up to 131,072 characters on separate lines.

Text Area (Rich)  
Allows users to enter any combination of letters and numbers and store them in encrypted form.

Text (Encrypted)

Mod09\_ANN\_Mat...R svm\_lecture (1).xlsx svm\_lecture.xlsx Mod12\_SVM\_Iris.R Show All

Mod09\_ANN\_Matrix\_LaRose Lab Assignment # 4 (Salesforce) Student Information: New Cust Assignment 2: Due May 2, 2022

stevensinstituteoftechnol20-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager

Salesforce Search... Search Step 2 of 4 Previous Next Cancel

Home Chatter Libraries Content Subscriptions Student Information +

Student Information Quick Find / Search... Expand All | Collapse All

**New Custom Field**

Step 2. Enter the details

Field Label Department

You are currently using 0 out of 1,638,400 characters on this object. You have 1,638,400 additional characters to allocate to this field.

Length 32,768 (Max 131,072)

# Visible Lines 3

Field Name Department

Description

Help Text

Auto add to custom report type  Add this field to existing custom report types that contain this entity

Default Value Show Formula Editor

Use formula syntax: Enclose text and picklist value API names in double quotes ("the\_text"), include numbers without quotes ("1234567890"), and use the ! operator to express date calculations in the standard format: (today() + 7). To reference a field from a Custom Metadata type record use: \${CustomMetadata.Type\_\_mdt.RecordAPIName.FieldName\_\_c}

Mod09\_ANN\_Mat...R svm\_lecture (1).xlsx svm\_lecture.xlsx Mod12\_SVM\_Iris.R Show All

Mod09\_ANN\_Matrix\_LaRose\_ Lab Assignment # 4 (Salesforce) Student Information: New Cust Assignment 2: Due May 2, 202 +

stevensinstituteoftechno20-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager

Home Chatter Libraries Content Subscriptions Student Information +

Quick Find / Search... Help for this Page

**New Custom Field**

Lightning Experience Transition Assistant

Move to the new, more productive Salesforce.

Get Started

Salesforce Mobile Quick Start

Home

Administrator

- Release Updates
- Manage Users
- Manage Apps
- Manage Territories
- Company Profile
- Data Classification
- Privacy Center
- Security Controls
- Domain Management
- Communication Templates
- Translation Workbench
- Data Management
- Mobile Administration
- Desktop Administration
- Outlook Integration and Sync

Step 3 of 4

Field Label: Department  
Data Type: Long Text Area  
Field Name: Department  
Description:

Select the profiles to which you want to grant edit access to this field via field-level security. The field will be hidden from all profiles if you do not add it to field-level security.

Field-Level Security for Profile	Visible	Read-Only
Analytics Cloud Integration User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Analytics Cloud Security User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Contract Manager	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cross Org Data Proxy User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Marketing Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Sales Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Support Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Force.com - App Subscription User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Force.com - Free User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gold Partner User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Identity User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Marketing User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum Access - Salesforce	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Show All

## Click on Save

Mod09\_ANN\_Matrix\_LaRose\_ Lab Assignment # 4 (Salesforce) Student Information: New Cust Assignment 2: Due May 2, 202 +

stevensinstituteoftechno20-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager

salesforce Search... Search Switch to Lightning Experience Savleen Kaur Setup Help Content

Home Chatter Libraries Content Subscriptions Student Information +

Quick Find / Search... Help for this Page

**New Custom Field**

Lightning Experience Transition Assistant

Move to the new, more productive Salesforce.

Get Started

Salesforce Mobile Quick Start

Home

Administrator

- Release Updates
- Manage Users
- Manage Apps
- Manage Territories
- Company Profile
- Data Classification
- Privacy Center
- Security Controls
- Domain Management
- Communication Templates
- Translation Workbench
- Data Management
- Mobile Administration
- Desktop Administration
- Outlook Integration and Sync

Step 4 of 4

Field Label: Department  
Data Type: Long Text Area  
Field Name: Department  
Description:

Select the page layouts that should include this field. The field will be added as the last field in the first 2-column section of these page layouts. The field will not appear on any pages if you do not select a layout.

To change the location of this field on the page, you will need to customize the page layout.

Add Field  Page Layout Name  
 Student Information Layout

When finished, click Save & New to create more custom fields, or click Save if you are done.

Show All

The screenshot shows the Salesforce 'Custom Object: Student Information' page. The top navigation bar includes tabs for 'Mod09\_ANN\_Matrix\_LaRose...', 'Lab Assignment # 4 (Salesforce)', 'Custom Object: Student Information', and 'Assignment 2: Due May 2, 202...'. The main content area is divided into several sections:

- Standard Fields**: A table listing standard fields like 'Created By' and 'Last Modified By' with their respective API names, data types, and tracking settings.
- Custom Fields & Relationships**: A table for a custom field named 'Department' with API name 'Department\_\_c' and data type 'Long Text Area(32768)'.
- Related Lookup Filters**: A section stating "No related lookup filters defined."
- Validation Rules**: A section stating "No validation rules defined."
- Triggers**: A section stating "No triggers defined."
- Page Layouts**: A table for a page layout named 'Student Information Layout' with 'Created By' and 'Modified By' details.

For second Custom field, give the following details:

**CWID:**

**Field Type:** Text Area Long

**Field Label:** CWID

**Field Name:** CWID

**Visible:** Checked

**Add to page layouts:** Student Information Layout Checked

Screenshot of the Salesforce Setup interface showing the list of custom field types:

- Auto Number: A system-generated sequence number that uses a display format you define. The number is automatically incremented for each new record.
- Formula: A read-only field that derives its value from a formula expression you define. The formula field is updated when any of the source fields change.
- Roll-Up Summary: A read-only field that displays the sum, minimum, or maximum value of a field in a related list or the record count of all records listed in a related list.
- Lookup Relationship: Creates a relationship that links this object to another object. The relationship field allows users to click on a lookup icon to select a value from a popup list. The other object is the source of the values in the list.
  - Creates a special type of parent-child relationship between this object (the child, or "detail") and another object (the parent, or "master") where:
    - The ownership and sharing of a detail record are determined by the master record.
    - When a user deletes the master record, all detail records are deleted.
    - You can create rollup summary fields on the master record to summarize the detail records.
- Master-Detail Relationship: The relationship field allows users to click on a lookup icon to select a value from a popup list. The master object is the source of the values in the list.
- External Lookup Relationship: Creates a relationship that links this object to an external object whose data is stored outside the Salesforce org.
- Checkbox: Allows users to select a True (checked) or False (unchecked) value.
- Currency: Allows users to enter a dollar or other currency amount and automatically formats the field as a currency amount. This can be useful if you export data to Excel or another spreadsheet.
- Date: Allows users to enter a date or pick a date from a popup calendar.
- Date/Time: Allows users to enter a date and time, or pick a date from a popup calendar. When users click a date in the pop-up, that date and the current time are entered into the Date/Time field.
- Email: Allows users to enter an email address, which is validated to ensure proper format. If this field is specified for a contact or lead, users can choose the address when clicking Send an Email. Note that custom email addresses cannot be used for mass emails.
- Geolocation: Allows users to define locations. Includes latitude and longitude components, and can be used to calculate distance.
- Number: Allows users to enter any number. Leading zeros are removed.
- Percent: Allows users to enter a percentage number, for example, '10' and automatically adds the percent sign to the number.
- Phone: Allows users to enter any phone number. Automatically formats it as a phone number.
- Picklist: Allows users to select a value from a list you define.
- Picklist (Multi-Select): Allows users to select multiple values from a list you define.
- Text: Allows users to enter any combination of letters and numbers.
- Text Area: Allows users to enter up to 255 characters on separate lines.
- Text Area (Long): Allows users to enter up to 131,072 characters on separate lines.
- Text Area (Rich): Allows users to enter formatted text, add images and links. Up to 131,072 characters on separate lines.
- Text Area (Text): Allows users to enter any combination of letters and numbers and store them in encrypted form.

Screenshot of the Salesforce Setup interface showing the creation of a new custom field:

**Step 2. Enter the details**

**Field Label:** CWID

**Length:** 32,768 (Max 131,072)

**# Visible Lines:** 3

**Field Name:** CWID

**Description:** (empty)

**Help Text:** (empty)

**Auto add to custom report type:**  Add this field to existing custom report types that contain this entity

**Default Value:** Show Formula Editor

Use formula syntax. Enclose text and constant values API names in double quotes ("the\_text"), include numbers without quotes, and use decimal points as decimal separators. To reference a field from a Custom Metadata type record use: \$CustomMetadata.Type\_\_mdt.RecordAPIName.Field\_\_c

Mod09\_ANN\_Matrix\_LaRose\_ | Lab Assignment # 4 (Salesforce) | Student Information: New Cust | Assignment 2: Due May 2, 202 | +

stevensinstituteoftechno20-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager

**Step 3. Establish field-level security** Step 3 of 4

Field-Level Security for Profile	Visible	Read-Only
Analytics Cloud Integration User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Analytics Cloud Security User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Contract Manager	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cross Org Data Proxy User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Marketing Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Sales Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Support Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Force.com - App Subscription User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Force.com - Free User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gold Partner User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Identity User	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Mod09\_ANN\_Matrix\_LaRose\_ | Lab Assignment # 4 (Salesforce) | Student Information: New Cust | Assignment 2: Due May 2, 202 | +

stevensinstituteoftechno20-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager

**Step 4. Add to page layouts** Step 4 of 4

Add Field	Page Layout Name
<input checked="" type="checkbox"/>	Student Information Layout

When finished, click Save & New to create more custom fields, or click Save if you are done.

Plural Label: Student Information  
Object Name: Student\_Information  
API Name: Student\_Information\_\_c

Enable Reports: ✓  
Track Activities: ✓  
Allow in Chatter Groups: ✓  
Allow Sharing: ✓  
Allow Bulk API Access: ✓  
Allow Streaming API Access: ✓  
Track Field History: ✓  
Enable Licensing:   
Deployment Status: Deployed  
Allow Search: ✓  
Help Settings: Standard salesforce.com Help Window  
Modified By: Savleen Kaur, 4/14/2022, 10:06 AM

**Standard Fields**

Action	Field Label	Field Name	Data Type	Controlling Field	Indexed	Track History
Edit   Del	Created By	CreatedBy	Lookup(User)			<input type="checkbox"/>
Edit   Del	Last Modified By	LastModifiedBy	Lookup(User)			<input type="checkbox"/>
Edit   Del	Owner	Owner	Lookup(User;Group)		✓	<input type="checkbox"/>
Edit   Del	SAVLEEN KAUR	Name	Text(80)		✓	<input type="checkbox"/>

**Custom Fields & Relationships**

Action	Field Label	API Name	Data Type	Indexed	Controlling Field	Modified By	Track History
Edit   Del	CWID	CWID__c	Long Text Area(32768)			Savleen Kaur, 4/14/2022, 5:08 PM	<input type="checkbox"/>
Edit   Del	Department	Department__c	Long Text Area(32768)			Savleen Kaur, 4/14/2022, 5:07 PM	<input type="checkbox"/>

**Related Lookup Filters**  
No related lookup filters defined.

**Validation Rules**

Action	New
No validation rules defined.	

For third Custom field, give the following details:

**Semester**

**Field Type:** Picklist

**Field Label:** Semester

**Values:** Click on Enter values, with each value separated by a new line and enter following values - Fall, Spring, Summer (All these values need to be on separate line)

**Field Name:** Semester

**Visible:** Checked

**Add to page layouts:** Student Information Layout Checked

Salesforce Mobile Quick Start

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- Email Administration
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- Analytics
- Data.com Administration

**Build**

- Customize
- Create
- Develop
- Lightning Bolt
- Schema Builder
- Lightning App Builder
- Canvas App Previewer
- Installed Packages

Select one of the data types below.

None Selected	Select one of the data types below.
<input type="radio"/> Auto Number	A system-generated sequence number that uses a display format you define. The number is automatically incremented for each new record.
<input type="radio"/> Formula	A read-only field that derives its value from a formula expression you define. The formula field is updated when any of the source fields change.
<input type="radio"/> Roll-Up Summary	A read-only field that displays the sum, minimum, or maximum value of a field in a related list or the record count of all records listed in a related list.
<input type="radio"/> Lookup Relationship	Creates a relationship that links this object to another object. The relationship field allows users to click on a lookup icon to select a value from a popup list. The other object is the source of the values in the list.
<input type="radio"/> Master-Detail Relationship	Creates a special type of parent-child relationship between this object (the child, or "detail") and another object (the parent, or "master") where: <ul style="list-style-type: none"> <li>The relationship field is required on all detail records.</li> <li>The ownership and sharing of a detail record are determined by the master record.</li> <li>When a user deletes the master record, all detail records are deleted.</li> <li>You can create rollup summary fields on the master record to summarize the detail records.</li> </ul>
<input type="radio"/> External Lookup Relationship	The relationship field allows users to click on a lookup icon to select a value from a popup list. The master object is the source of the values in the list.
<input type="radio"/> Checkbox	Allows users to select a True (checked) or False (unchecked) value.
<input type="radio"/> Currency	Allows users to enter a dollar or other currency amount and automatically formats the field as a currency amount. This can be useful if you export data to Excel or another spreadsheet.
<input type="radio"/> Date	Allows users to enter a date or pick a date from a popup calendar.
<input type="radio"/> Date/Time	Allows users to enter a date and time, or pick a date from a popup calendar. When users click a date in the pop-up, that date and the current time are entered into the Date/Time field.
<input type="radio"/> Email	Allows users to enter an email address, which is validated to ensure proper format. If this field is specified for a contact or lead, users can choose the address when clicking Send an Email. Note that custom email addresses cannot be used for mass emails.
<input type="radio"/> Geolocation	Allows users to define locations. Includes latitude and longitude components, and can be used to calculate distance.
<input type="radio"/> Number	Allows users to enter any number. Leading zeros are removed.
<input type="radio"/> Percent	Allows users to enter a percentage number; for example, '10' and automatically adds the percent sign to the number.
<input type="radio"/> Phone	Allows users to enter any phone number. Automatically formats it as a phone number.
<input checked="" type="radio"/> Picklist	Allows users to select a value from a list you define.
<input type="radio"/> Picklist (Multi-Select)	Allows users to select multiple values from a list you define.
<input type="radio"/> Text	Allows users to enter any combination of letters and numbers.
<input type="radio"/> Text Area	Allows users to enter up to 255 characters on separate lines.
<input type="radio"/> Text Area (Long)	Allows users to enter up to 131,072 characters on separate lines.

Show All

Mod09\_ANN\_Matrix\_LaRose... X Lab Assignment # 4 (Salesfor... X Student Information: New Cust... X Assignment 2: Due May 2, 202 X +

stevensinstitutetechnol20-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager?entity=01l8b000000f8n

New Custom Field

Step 2. Enter the details Step 2 of 4

Field Label

Values  Use global picklist value set  Enter values, with each value separated by a new line

Fall  
Spring  
Summer

Field Name

Description

Help Text

Required  Always require a value in this field in order to save a record

Auto add to custom report type  Add this field to existing custom report types that contain this entity

Default Value

Use formula syntax: Enclose text and picklist values API names in double quotes : ("the\_text"), include numbers without quotes : (25), show percentages as decimals (0.10), and express date calculations in the standard format: (Today() + 7). To reference a field from a Custom Metadata type record use: \${CustomMetadata.Type\_\_mdt.RecordAPIName.FieldName}

Show All

Mod09\_ANN\_Matrix\_LaRose\_ | Lab Assignment # 4 (Salesforce) | Student Information: New Cust | Assignment 2: Due May 2, 202 | +

stevensinstituteoftechno20-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager

Field-Level Security for Profile	Visible	Read-Only
Analytics Cloud Integration User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Analytics Cloud Security User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Contract Manager	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cross Org Data Proxy User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Marketing Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Sales Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Support Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Force.com - App Subscription User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Force.com - Free User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gold Partner User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Identity User	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Step 3 of 4 Previous Next Cancel

Mod09\_ANN\_Matrix\_LaRose\_ | Lab Assignment # 4 (Salesforce) | Student Information: New Cust | Assignment 2: Due May 2, 202 | +

stevensinstituteoftechno20-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager

Add Field Page Layout Name	Visible	Read-Only
Student Information Layout	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Step 4 of 4 Previous Save & New Save Cancel

The screenshot shows the Salesforce setup interface for a custom object named "Student\_Information".

**Object Details:**

- Object Name: Student\_Information
- API Name: Student\_Information\_c
- Track Activities: ✓
- Allow in Chatter Groups: ✓
- Allow Sharing: ✓
- Allow Bulk API Access: ✓
- Allow Streaming API Access: ✓
- Track Field History: ✓
- Enable Licensing: □
- Deployment Status: Deployed
- Allow Search: ✓

**Created By:** Savleen Kaur, 4/14/2022, 10:06 AM

**Help Settings:** Standard salesforce.com Help Window

**Modified By:** Savleen Kaur, 4/14/2022, 10:06 AM

**Standard Fields:**

Action	Field Label	Field Name	Data Type	Controlling Field	Indexed	Track History
Created By	Created By	CreatedById	Lookup(User)			□
Last Modified By	Last Modified By	LastModifiedBy	Lookup(User)			□
Edit	Owner	Owner	Lookup(User,Group)		✓	□
Edit	SAVLEEN KAUR	Name	Text(80)		✓	□

**Custom Fields & Relationships:**

Action	Field Label	API Name	Data Type	Indexed	Controlling Field	Modified By	Track History
Edit   Del	CWID	CWID_c	Long Text Area(32768)			Savleen Kaur, 4/14/2022, 5:08 PM	□
Edit   Del	Department	Department_c	Long Text Area(32768)			Savleen Kaur, 4/14/2022, 5:07 PM	□
Edit   Del   Replace	Semester	Semester_c	Picklist			Savleen Kaur, 4/14/2022, 5:10 PM	□

**Related Lookup Filters:**  
No related lookup filters defined.

**Validation Rules:**  
No validation rules defined.

For fourth custom field, give the following values:

**Date of Joining**

**Field Type: Date**

**Field Label: Date of Joining**

**Field Name: Date of Joining**

**Visible: Checked**

**Add to page layouts: Student Information Layout Checked**

Mod09\_ANN\_Matrix\_LaRose... X Lab Assignment # 4 (Salesfor... X Student Information: New Cust... X Assignment 2: Due May 2, 202... X +

stevensinstitutetechnol20-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager?entity=01l8b000000f8n

**Step 1. Choose the field type**

Specify the type of information that the custom field will contain.

**Data Type**

- None Selected Select one of the data types below.
- Auto Number A system-generated sequence number that uses a display format you define. The number is automatically incremented for each new record.
- Formula A read-only field that derives its value from a formula expression you define. The formula field is updated when any of the source fields change.
- Roll-Up Summary A read-only field that displays the sum, minimum, or maximum value of a field in a related list or the record count of all records listed in a related list.
- Lookup Relationship Creates a relationship that links this object to another object. The relationship field allows users to click on a lookup icon to select a value from a popup list. The other object is the source of the values in the list.
  - The relationship field is required on all detail records.
  - The ownership and sharing of a detail record are determined by the master record.
  - When a user deletes the master record, all detail records are deleted.
  - You can create rollup summary fields on the master record to summarize the detail records.
- Master-Detail Relationship Creates a special type of parent-child relationship between this object (the child, or "detail") and another object (the parent, or "master") where:
  - The relationship field is required on all detail records.
  - The ownership and sharing of a detail record are determined by the master record.
  - When a user deletes the master record, all detail records are deleted.
  - You can create rollup summary fields on the master record to summarize the detail records.
- External Lookup Relationship The relationship field allows users to click on a lookup icon to select a value from a popup list. The master object is the source of the values in the list.
  - Creates a relationship that links this object to an external object whose data is stored outside the Salesforce org.
- Checkbox Allows users to select a True (checked) or False (unchecked) value.
- Currency Allows users to enter a dollar or other currency amount and automatically formats the field as a currency amount. This can be useful if you export data to Excel or another spreadsheet.
- Date Allows users to enter a date or pick a date from a popup calendar.
- Date/Time Allows users to enter a date and time, or pick a date from a popup calendar. When users click a date in the pop-up, that date and the current time are entered into the Date/Time field.
- Email Allows users to enter an email address, which is validated to ensure proper format. If this field is specified for a contact or lead, users can choose the address when clicking Send an Email. Note that custom email addresses cannot be used for mass emails.
- Geolocation Allows users to define locations. Includes latitude and longitude components, and can be used to calculate distance.
- Number Allows users to enter any number. Leading zeros are removed.
- Percent Allows users to enter a percentage number, for example, '10' and automatically adds the percent sign to the number.

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- Data Management
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- Desktop Administration
- Outlook Integration and Sync
- Gmail Integration and Sync
- Email Administration
- Google Apps
- Analytics
- Data.com Administration

Build

Mod09\_ANN\_Matr...R svm\_lecture (1).xlsx svm\_lecture.xlsx Mod12\_SVM\_Iris.R Show All

Mod09\_ANN\_Matrix\_LaRose... X Lab Assignment # 4 (Salesfor... X Student Information: New Cust... X Assignment 2: Due May 2, 202... X +

stevensinstitutetechnol20-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager

**Step 2. Enter the details**

Student Information  
New Custom Field

Help for this Page ?

**Step 2 of 4**

Field Label

Field Name

Description

Help Text

Required  Always require a value in this field in order to save a record

Auto add to custom report type  Add this field to existing custom report types that contain this entity

Default Value

User formula syntax: Enclose text and picklist values in double quotes : ("the\_text"), include numbers without quotes : (25), show percentages as decimals (0.15), and express date calculations in the standard format: (Today() + 7). To reference a field from a Custom Metadata type record use: \${CustomMetadata.Type\_\_mdt.RecordAPIName.FieldName\_\_c}

Previous Next Cancel

Mod09\_ANN\_Matr...R svm\_lecture (1).xlsx svm\_lecture.xlsx Mod12\_SVM\_Iris.R Show All

Mod09\_ANN\_Matrix\_LaRose\_ | Lab Assignment # 4 (Salesforce) | Student Information: New Cust | Assignment 2: Due May 2, 202 | +

stevensinstituteoftechno20-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager

salesforce Search... Search Switch to Lightning Experience Savleen Kaur Setup Help Content

Home Chatter Libraries Content Subscriptions Student Information +

Quick Find / Search... Expand All | Collapse All

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Student Information New Custom Field Step 3 of 4 Previous Next Cancel

Field Label Date of Joining  
Data Type Date  
Field Name Date\_of\_Joining  
Description

Select the profiles to which you want to grant edit access to this field via field-level security. The field will be hidden from all profiles if you do not add it to field-level security.

Field-Level Security for Profile	Visible	Read-Only
Analytics Cloud Integration User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Analytics Cloud Security User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Contract Manager	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cross Org Data Proxy User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Marketing Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Sales Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Support Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Force.com - App Subscription User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Force.com - Free User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gold Partner User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Identity User	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Mod09\_ANN\_Matrix\_LaRose\_ | Lab Assignment # 4 (Salesforce) | Student Information: New Cust | Assignment 2: Due May 2, 202 | +

stevensinstituteoftechno20-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager

salesforce Search... Search Switch to Lightning Experience Savleen Kaur Setup Help Content

Home Chatter Libraries Content Subscriptions Student Information +

Quick Find / Search... Expand All | Collapse All

Lightning Experience Transition Assistant Move to the new, more productive Salesforce. Get Started

Salesforce Mobile Quick Start Home Administrator Release Updates Manage Users Manage Apps Manage Territories Company Profile Data Classification Privacy Center Security Controls Domain Management Communication Templates Translation Workbench Data Management Mobile Administration

Student Information New Custom Field Step 4 of 4 Previous Save & New Save Cancel

Field Label Date of Joining  
Data Type Date  
Field Name Date\_of\_Joining  
Description

Select the page layouts that should include this field. The field will be added as the last field in the first 2-column section of these page layouts. The field will not appear on any pages if you do not select a layout.

To change the location of this field on the page, you will need to customize the page layout.

Add Field	Page Layout Name
<input checked="" type="checkbox"/>	Student Information Layout

When finished, click Save & New to create more custom fields, or click Save if you are done.

Previous Save & New Save Cancel

Action	Page Layout Name	Created By	Modified By
Edit   Del	Student Information Layout	Savleen Kaur, 4/14/2022, 10:06 AM	Savleen Kaur, 4/14/2022, 5:12 PM

Here we can see our created Custom Fields

Action	Field Label	Field Name	Data Type	Controlling Field	Indexed	Track History
Edit	Created By	CreatedBy	Lookup(User)			
Edit	Last Modified By	LastModifiedBy	Lookup(User)			
Edit	Owner	Owner	Lookup(User,Group)		✓	
Edit	SAVLEEN KAUR	Name	Text(80)		✓	

# Creating record on Custom Object

Goto + tab and click on New

The screenshot shows the Salesforce Lightning Experience interface. At the top, there are four tabs: 'Mod09\_ANN\_Matrix\_LaRose...' (closed), 'Lab Assignment # 4 (Salesforce) (closed)', 'Custom Object: Student Information' (active), and 'Assignment 2: Due May 2, 2022' (closed). Below the tabs, the URL is https://stevensinstituteoftechno20-dev-ed.my.salesforce.com/018b000000f88.

The main content area displays the 'Student Information' custom object definition. On the left, a sidebar includes the 'Lightning Experience Transition Assistant' and the 'Salesforce Mobile Quick Start' section. The 'Administer' section lists various management options like Release Updates, Manage Users, Manage Apps, etc.

The 'Custom Object Definition Detail' section shows the following configuration:

Setting	Value
Singular Label	Student Information
Plural Label	Student Information
Object Name	Student_Information
API Name	Student_Information_c
Description	Enable Reports <input checked="" type="checkbox"/>
Track Activities	<input checked="" type="checkbox"/>
Allow In Chatter Groups	<input checked="" type="checkbox"/>
Allow Sharing	<input checked="" type="checkbox"/>
Allow Bulk API Access	<input checked="" type="checkbox"/>
Allow Streaming API Access	<input checked="" type="checkbox"/>
Track Field History	<input checked="" type="checkbox"/>
Enable Licensing	<input type="checkbox"/>
Deployment Status	Deployed
Allow Search	<input checked="" type="checkbox"/>
Help Settings	Standard salesforce.com Help Window
Modified By	Savveen Kaur, 4/14/2022, 10:06 AM

The 'Standard Fields' section lists the fields:

Action	Field Label	Field Name	Data Type	Controlling Field	Indexed	Track History
Edit	Created By	CreatedBy	Lookup(User)			<input type="checkbox"/>
Edit	Last Modified By	LastModifiedBy	Lookup(User)			<input type="checkbox"/>
Edit	Owner	Owner	Lookup(User,Group)		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Edit	SAVVEEN KAUR	Name	Text(80)		<input checked="" type="checkbox"/>	<input type="checkbox"/>

At the bottom of the page, there is a message: 'https://stevensinstituteoftechno20-dev-ed.my.salesforce.com/a00/o onshins'. The browser's address bar shows the same URL. The status bar at the bottom of the browser window also displays the URL.

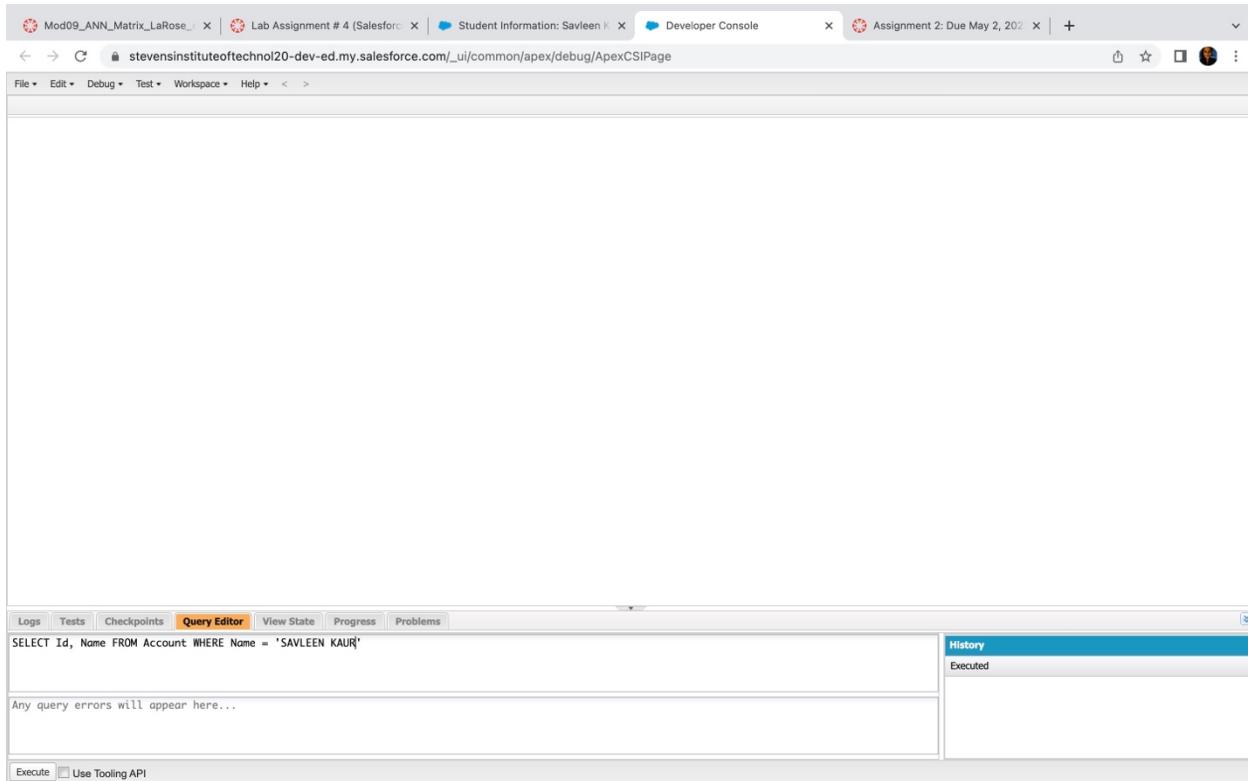
Provide the name and click on Save

This screenshot shows the Salesforce Student Information Edit page for a new record named "Savleen Kaur". The page includes fields for Student Information Name (Savleen Kaur), Department (CS), CWID (10476867), Semester (Spring), and Date of Joining (4/15/2022). The "Save" button is highlighted.

This screenshot shows the Salesforce Student Information Detail page for the record "Savleen Kaur". The page displays the same information as the edit page: Student Information Name (Savleen Kaur), Department (CS), CWID (10476867), Semester (Spring), and Date of Joining (4/15/2022). It also shows the Created By field (Savleen Kaur) and the Last Modified By field (Savleen Kaur, 4/15/2022, 7:05 PM). Below the detail section, there are sections for Open Activities and Activity History, both of which currently show "No records to display".

Goto Developer Console by going to the name->dropdown

Run the query to check the output and click on execute- **SELECT Id, Name FROM Account WHERE Name = 'SAVLEEN KAUR'**



The screenshot shows the Salesforce Developer Console interface. At the top, there are five tabs: 'Mod09\_ANN\_Matrix\_LaRose\_...' (closed), 'Lab Assignment # 4 (Salesfor...' (closed), 'Student Information: Savleen k...' (closed), 'Developer Console' (active), and 'Assignment 2: Due May 2, 202...' (closed). Below the tabs is a navigation bar with links for 'File', 'Edit', 'Debug', 'Test', 'Workspace', and 'Help'. The main area is a large, empty white space. At the bottom, there is a toolbar with tabs for 'Logs', 'Tests', 'Checkpoints', 'Query Editor' (which is selected and highlighted in orange), 'View State', 'Progress', and 'Problems'. The 'Query Editor' tab contains the following code:

```
SELECT Id, Name FROM Account WHERE Name = 'SAVLEEN KAUR'
```

Below the code, a message says 'Any query errors will appear here...'. To the right of the code editor is a sidebar titled 'History' which shows the entry 'Executed'.

Details are seen as follows:

The screenshot shows the Salesforce Developer Console interface. At the top, there are several tabs: 'Mod09\_ANN\_Matrix\_LaRose...', 'Lab Assignment # 4 (Salesforce)', 'Student Information: Savleen K...', 'Developer Console', and 'Assignment 2: Due May 2, 202...'. Below the tabs, the main area has a toolbar with 'File', 'Edit', 'Debug', 'Test', 'Workspace', 'Help', and navigation icons. A status bar at the bottom shows 'Account@8:15 PM'.

The central part of the screen displays a query result. The query is:

```
SELECT Id, Name FROM Account WHERE Name = 'SAVLEEN KAUR'
```

The results table shows one row:

Id	Name
0018b00001xdYsbAAE	SAVLEEN KAUR

Below the results, there are buttons for 'Query Grid', 'Save Rows', 'Insert Row', 'Delete Row', and 'Refresh Grid'. To the right, there are buttons for 'Access in Salesforce': 'Create New', 'Open Detail Page', and 'Edit Page'. Further down, there are tabs for 'Logs', 'Tests', 'Checkpoints', 'Query Editor' (which is selected), 'View State', 'Progress', and 'Problems'. The 'Query Editor' tab contains the same query. The 'History' section shows the executed query. At the bottom left, there are 'Execute' and 'Use Tooling API' buttons.

Run the second query and click on execute:

```
SELECT Id, Name FROM Student_Information__c WHERE Name = 'SAVLEEN KAUR'
```

The screenshot shows the Salesforce Developer Console interface. At the top, there are several tabs: Mod09\_ANN\_Matrix\_LaRose..., Lab Assignment # 4 (Salesfor..., Student Information: Savleen K..., Developer Console, and Assignment 2: Due May 2, 202... . Below the tabs, the URL is stevensinstitutetechnology20-dev-ed.my.salesforce.com/\_ui/common/apex/debug/ApexCSIPage.

In the main area, there are two tabs: Account@8:15 PM and Student\_Information\_\_c@8:16 PM. The Student\_Information\_\_c tab is active, displaying the query:

```
SELECT Id, Name FROM Student_Information__c WHERE Name = 'Savleen Kaur'
```

The results table shows one row:

Query Results - Total Rows: 1	
Id	Name
a008b000012psH2AAI	Savleen Kaur

Below the results table are buttons: Query Grid, Save Rows, Insert Row, Delete Row, Refresh Grid, Logs, Tests, Checkpoints, **Query Editor**, View State, Progress, Problems, Access in Salesforce: Create New, Open Detail Page, Edit Page, History, Executed, and a history panel showing previous queries.

At the bottom left are Execute and Use Tooling API buttons.