

# Day 3 Assignment

Q). Create salary field in employee object now go for department object for another rollup summary field -> to calculate total salary given by the particular department.

The screenshot displays the Salesforce Lightning interface for a Department object. The browser address bar shows the URL: `mirketa49-dev-ed.lightning.force.com/lightning/r/Departments__c/a055i000009X1S4AAK/view`. The page header includes the Salesforce logo, a search bar, and navigation tabs: Home, Employees, Products, Hospitals, Doctors, Invoices, Departments (selected), and Order Details. The main content area shows the details of a Department named "MR".

Details	
Departments Name	Owner
MR	Himanshu Tajne
Total Salary	Currency
INR 225,000.00	INR - Indian Rupee
Created By	Last Modified By
Himanshu Tajne, 18/07/2022, 14:20	Himanshu Tajne, 20/07/2022, 18:27

Q) create a roll up summary field on Department object to count the total number of employees for the particular department.

The screenshot shows the Salesforce interface for a Department record named 'MR'. The record is displayed in a 'Details' view, showing various fields and their values. The fields are organized into two columns. The left column includes 'Departments Name', 'Total Salary', 'Number of Employees', and 'Created By'. The right column includes 'Owner', 'Currency', and 'Last Modified By'. The 'Number of Employees' field shows a value of 3, which is the result of a roll-up summary field. The 'Created By' and 'Last Modified By' fields show the user 'Himanshu Tajne' and the corresponding timestamps.

Related Details	
Departments Name MR	Owner Himanshu Tajne
Total Salary INR 725,000.00	Currency INR - Indian Rupee
Number of Employees 3	
Created By Himanshu Tajne, 18/07/2022, 14:20	Last Modified By Himanshu Tajne, 20/07/2022, 18:29

Q). :- Lets create a field of Date type for the Employee object to store his Date of Birth , now create two roll up summary fields on the Department object one to show the lowest date of birth and one to show the highest date of birth

The screenshot shows the Salesforce interface for a Department named 'MR'. The page includes a sidebar with 'Recent Items' and a 'Recycle Bin'. The main content area displays 'Department Detail' with fields for Departments Name, Total Salary, Number of Employees, Lowest Date of Birth, Highest Date of Birth, Created By, and Last Modified By. Below this is an 'Employees' section with a table listing employees and their names.

**Department Detail**

Departments Name	MR	Owner	Himanshu Tajne (Change)
Total Salary	INR 725,000.00		
Number of Employees	3		
Lowest Date of Birth	27/11/1998		
Highest Date of Birth	13/05/1999		
Created By	Himanshu Tajne, 18/07/2022, 14:20	Last Modified By	Himanshu Tajne, 20/07/2022, 18:36

**Employees**

Action	Employee Name
<a href="#">Edit</a>   <a href="#">Del</a>	Himanshu
<a href="#">Edit</a>   <a href="#">Del</a>	Chetan
<a href="#">Edit</a>   <a href="#">Del</a>	Bhushan

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Q) :- Create a formula field named as Account Owner Name on the Contact object to display the Name of the Account Owner.

The screenshot shows a Salesforce interface for a Contact record named 'ABC'. The record is displayed in a split-view format. On the left, a list of fields is shown, including 'Contact Currency', 'INR - Indian Rupee', 'Picture URL', 'Leap Year', 'Full Name', 'ABC', 'Total no of Characters', '5.00', 'Account Owner Name', 'Himanshu', 'Mailing Address', 'Languages', 'Created By', 'Himanshu Tajne, 20/07/2022, 18:44', and 'Description'. On the right, the details of the 'Account Owner Name' field are shown, displaying 'Himanshu'. The 'Created By' and 'Last Modified By' fields both show 'Himanshu Tajne, 20/07/2022, 18:44'. The 'Description' field is empty. The top navigation bar includes 'Aarogya Pharma' and various tabs like 'Home', 'Employees', 'Products', 'Hospitals', 'Doctors', 'Invoices', 'Departments', 'Order Details', and 'ABC'. The right sidebar contains buttons for '+ Follow', 'New Case', 'New Note', and 'Submit for Approval'.

## Validation rules:

Q 1: Write a validation rule to restrict the user from creating an opportunity if amount is less than 10000

The screenshot shows the 'New Opportunity' form in Salesforce. The 'Amount' field is highlighted with a red border and contains the value '900.00'. A red error message states: 'Amount should be greater than 10000'. Another red error message is displayed in the center: 'We hit a snag. Review the following fields: Amount'. The form includes fields for Opportunity Owner (Himanshu Tajne), Private (checkbox), Opportunity Name (XYZ), Account Name (Search Accounts...), Type (--None--), Lead Source (--None--), Amount (900.00), Close Date (21/07/2022), Next Step, Stage (Qualification), Probability (%), and Campaign Source (Search Campaigns...). The 'Save' button is disabled.

Q 2 :- Write a validation Rule on Contact to restrict the user from creating a Contact without specifying the email address.

The screenshot shows the 'New Contact' form in Salesforce. The 'Email' field is highlighted with a red border and is empty. A red error message states: 'Email is mandatory'. Another red error message is displayed in the center: 'We hit a snag. Review the following fields: Email'. The form includes fields for Last Name (ABC), Account Name (Search Accounts...), Title, Department, Birthdate, Reports To (Search Contacts...), Lead Source (--None--), Contact Current (INR - Indian Rupee), Mobile, Other Phone, Fax, Assistant, and Phone. The 'Save' button is disabled.

Q 3: Write a validation rule to check that if ownership is public then annual revenue must be populated and it should be greater than 0 (Account object)

The screenshot shows the Salesforce 'New Account' form. The 'Account Name' field is populated with 'XYZ'. The 'Ownership' dropdown is set to 'Public'. A red error message box is displayed in the center, stating: 'We hit a snag. Review the errors on this page. Annual Revenue can't be 0 or less than 0'. The 'Annual Revenue' field is empty. The 'Account Owner' is 'Himanshu Tajne'. The 'Rating' is '--None--'. The 'Parent Account' field has a search bar. The 'Account Number' field is empty. The 'Account Site' field is empty. The 'Type' dropdown is '--None--'. The 'Industry' dropdown is '--None--'. The 'Employees' field is empty. The 'SIC Code' field is empty. The 'Account Currency' is 'INR - Indian Rupee'. The 'Save' button is highlighted in blue.

Q 4: Validates that the Account Number is numeric if not blank. (Account object)

The screenshot shows the Salesforce 'New Account' form. The 'Account Name' field is populated with 'XYZ'. The 'Account Number' field is populated with 'adas'. A red error message box is displayed in the center, stating: 'We hit a snag. Review the errors on this page. Account number should be numeric'. The 'Annual Revenue' field is empty. The 'Account Owner' is 'Himanshu Tajne'. The 'Rating' is '--None--'. The 'Parent Account' field has a search bar. The 'Account Site' field is empty. The 'Type' dropdown is '--None--'. The 'Industry' dropdown is '--None--'. The 'Employees' field is empty. The 'SIC Code' field is empty. The 'Account Currency' is 'INR - Indian Rupee'. The 'Save' button is highlighted in blue.

Q 5: Validates that the account Billing Zip/Postal Code is in 99999 or 999-99 format if Billing Country is USA or US.

The screenshot shows a Salesforce interface with a modal form for creating a new account. The form is titled "Address Information" and is divided into two main sections: "Billing Address" and "Shipping Address".

**Billing Address Section:**

- Billing Street: Text input field.
- Billing City: Text input field.
- Billing State/Province: Text input field.
- Billing Zip/Postal Code: Text input field containing "99999999". This field is highlighted with a red border and has a red error message below it: "Zip/Postal code should be in 99999 or 999-99 format".
- Billing Country: Text input field.

**Shipping Address Section:**

- Shipping Street: Text input field.
- Shipping City: Text input field.
- Shipping State/Province: Text input field.
- Shipping Zip/Postal Code: Text input field.
- Shipping Country: Text input field.

**Additional Information Section:**

- Customer Priority: Dropdown menu with "--None--" selected.
- SLA: Dropdown menu with "None--" selected.
- SLA Expiration Date: Text input field.
- Serial Number: Text input field.
- Number of Locations: Text input field.

**Validation Error:**

A red error message box is displayed over the form, stating: "We hit a snag." Below this, it says "Review the following fields" and lists "Billing Zip/Postal Code" as the field that needs attention.

**Buttons:**

- Cancel
- Save & New
- Save

Q 7 : Validates that the account Annual Revenue is not negative and does not exceed \$10000.

The screenshot shows the Salesforce 'New Account' form. The 'Annual Revenue' field is highlighted with a red border and contains the value '100,000'. A yellow tooltip message below the field states: 'Annual Revenue can't be negative as well as more than 10000'. A red error banner at the bottom of the form reads: 'We hit a snag. Review the following fields: Annual Revenue'. The form includes fields for Account Number, Website, Account Site, Ticker Symbol, Type, Ownership, Industry, Employees, SIC Code, and Account Currency (set to INR - Indian Rupee). The background shows a list of recently viewed accounts.

Q 8: Create a custom field of Text type named as Other Reason on Case object. Now write a validation to check Other Reason must contain a value if Case Reason (Predefined field) is having value as Other.



New Case | Salesforce | Object Manager | Salesforce | relationship field, validation | DAY 3 - Google Drive | WHAT IS VALIDATION RULE |

mirketa49-dev-ed.lightning.force.com/lightning/o/Case/new?count=3&nooverride=1&useRecordTypeCheck=1&navigationLocation=LIST\_VIEW&uid=165833...

Account Name  
Search Accounts...

Type  
--None--

Case Reason  
Other

\* Case Currency  
INR - Indian Rupee

Case Age

Other Reason

Please Mention reason

Web Information

☐ Send notification email to contact

Cancel Save & New Save

Q 9: If a case is already open, prevents the Status from being changed back to "New."

00001026 | Salesforce | Object Manager | Salesforce | relationship field, validation | DAY 3 - Google Drive | Examples of Validation Rules |

mirketa49-dev-ed.lightning.force.com/lightning/r/Case/5005i000009tO5aAAE/view

Aarogya Pharma Home Employees Products Hospitals Doctors Invoices Departments Order Details \*00001026

Case

+ Follow Edit Delete Change Owner

Feed Related

Post Poll

Share an update... Share

Most Recent Activity

All Updates Call Logs Text Posts Status Changes

Himanshu Tajne Case created

Subject: Priority: Medium Status: Working Case Number: 00001026

Details

Case Owner Himanshu Tajne

\*Status New

Open case Status cannot be reset to New

Case Number 00001026

Priority Medium

Contact Name ABCD XYZ

Contact Phone

Account Name Himanshu

Contact Email

We hit a snag.

Review the following fields

- Status

Cancel Save

Q10 : Write a validation rule to restrict the updation of an opportunity if opportunity status is Closed Won.

The screenshot shows a Salesforce Opportunity record for 'Burlington Textiles Weaving Plant Generator'. The record is in the 'Closed Won' stage. A validation error message is displayed: 'We hit a snag. Review the errors on this page. Closed Opportunity cannot be updated'. The error message is shown in a red box with a close button. The record details include: Order Number (6456120), Main Competitor(s) (John Deere), Current Generator(s) (John Deere), Tracking Number (830150301360), Created By (Himanshu Tajne, 16/07/2022, 15:24), Last Modified By (Himanshu Tajne, 20/07/2022, 21:59), and Description. The right sidebar shows a list of related records with columns: Stage, Amount, Probability (%), Expected Revenue, Close Date, Last Modified, and Last Modified By.

Q11:- Create a validation rule which will restrict to enter hospital with the duplicate name.

The screenshot shows the 'New Hospital' form in Salesforce. The form is titled 'New Hospital' and contains fields for Hospital Name, Hospital Id, Address, Phone, Email, Owner, and Currency. The 'Hospital Name' field is highlighted in yellow and contains the text 'City Hospital'. A validation error message is displayed: 'We hit a snag. Review the following fields: Hospital Name'. The error message is shown in a red box with a close button. The form also includes a 'Save' button and a 'Cancel' button. The background shows a list of hospitals with columns: Hospital Name, Address, Phone, Email, and Owner.

