

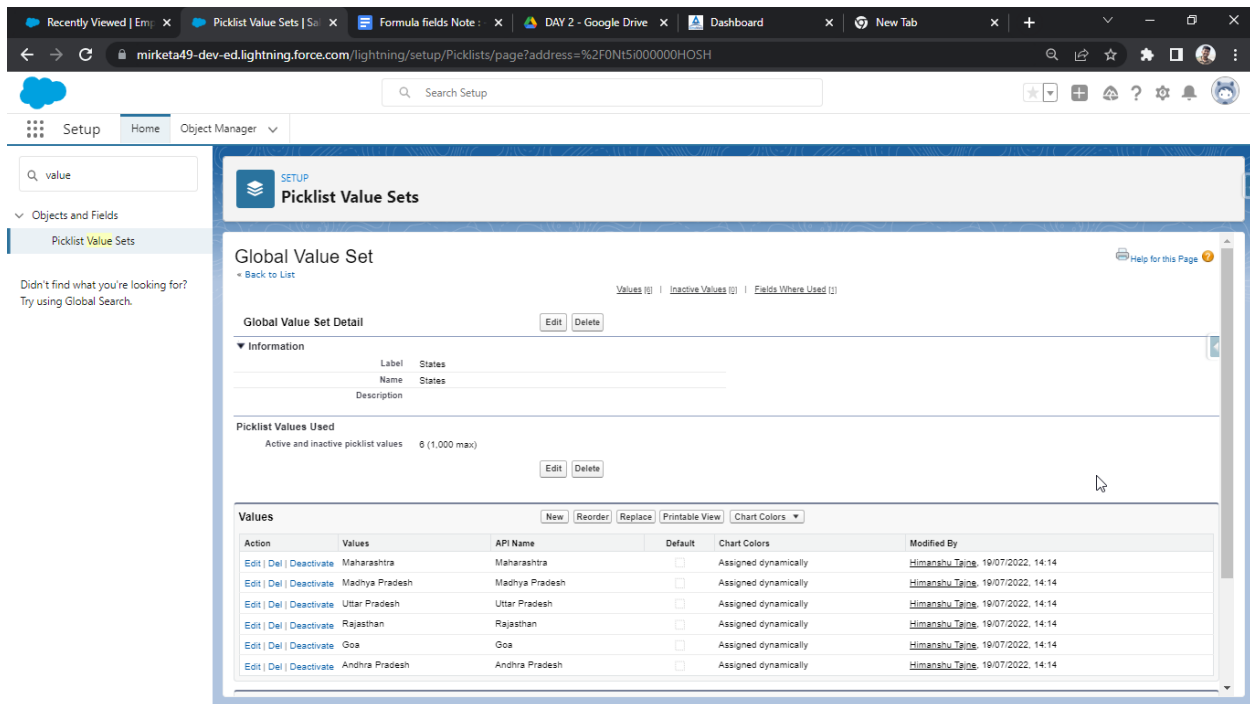
# Day 2 Assignment

Q). Create a formula checkbox in contact object with the name leap year and display yes if the date of birthdate of the contact is in leap year

The screenshot shows a Salesforce interface with a contact record for 'ABCD XYZ'. The 'Leap Year' checkbox is checked, indicating the birthdate (05/07/2016) is a leap year. The interface includes a navigation bar, a search bar, and a sidebar with various tabs like Sales, Home, Opportunities, Leads, Tasks, Files, Accounts, Contacts, Campaigns, Dashboards, Reports, Chatter, Groups, Calendar, and More. The contact record details are displayed in a table format, and the right sidebar shows a 'Create a task...' button and a 'Filters' section.

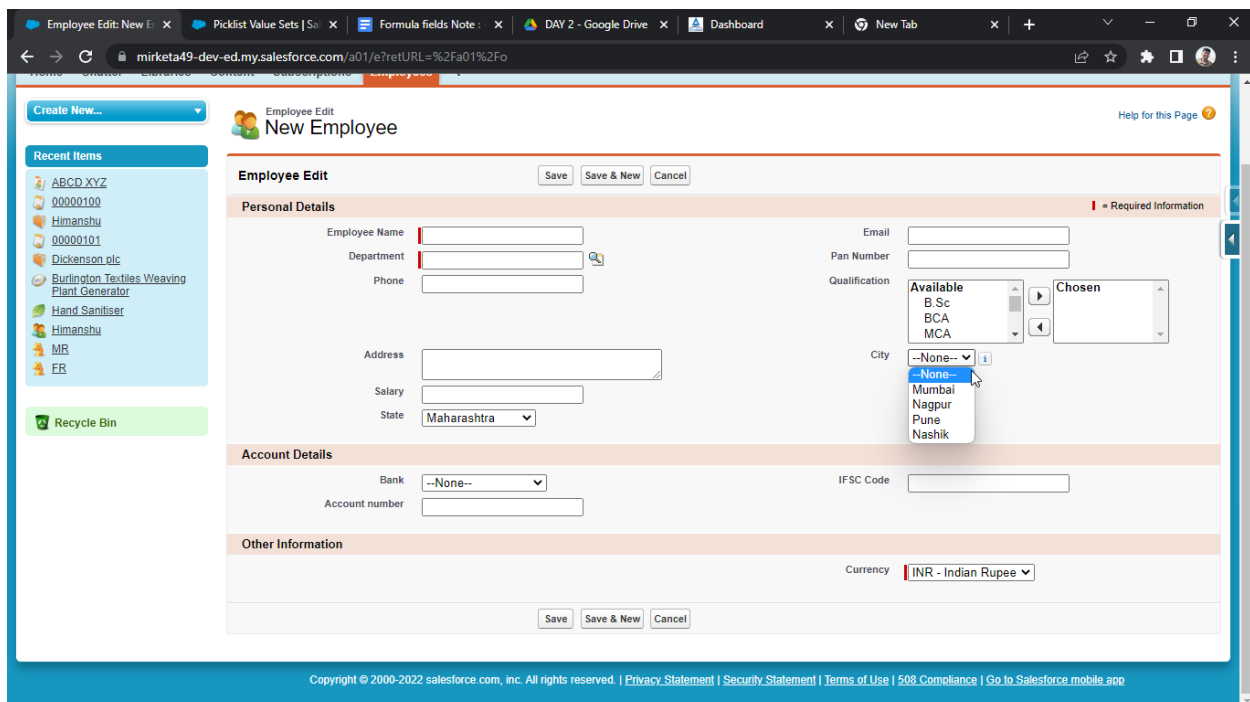
Field	Value
Name	ABCD XYZ
Account Name	
Title	
Department	
Birthdate	05/07/2016
Reports To	
Lead Source	
Contact Currency	INR - Indian Rupee
Picture URL	
Leap Year	<input checked="" type="checkbox"/>
Mailing Address	
Languages	
Home Phone	
Mobile	
Other Phone	
Fax	
Email	
Assistant	
Asst. Phone	
Other Address	
Level	
Last Modified By	

Q). Try to implement the concept of Field Dependency , Global Value Sets



The screenshot shows the Salesforce Setup interface for 'Picklist Value Sets'. The left sidebar contains a search bar and navigation links for 'Setup', 'Home', and 'Object Manager'. The main content area is titled 'Global Value Set' and includes a 'Back to List' link. Below this, there's a 'Global Value Set Detail' section with 'Edit' and 'Delete' buttons. The 'Information' section shows fields for Label, States, Name, and Description. The 'Picklist Values Used' section indicates 6 active and inactive picklist values out of a 1,000 max, with 'Edit' and 'Delete' buttons. The 'Values' table lists picklist values with columns for Action, Values, API Name, Default, Chart Colors, and Modified By. The table contains six rows for Indian states: Maharashtra, Madhya Pradesh, Uttar Pradesh, Rajasthan, Goa, and Andhra Pradesh, all assigned dynamically.

Action	Values	API Name	Default	Chart Colors	Modified By
Edit   Del   Deactivate	Maharashtra	Maharashtra	<input type="checkbox"/>	Assigned dynamically	Himanshu.Tajne, 19/07/2022, 14:14
Edit   Del   Deactivate	Madhya Pradesh	Madhya Pradesh	<input type="checkbox"/>	Assigned dynamically	Himanshu.Tajne, 19/07/2022, 14:14
Edit   Del   Deactivate	Uttar Pradesh	Uttar Pradesh	<input type="checkbox"/>	Assigned dynamically	Himanshu.Tajne, 19/07/2022, 14:14
Edit   Del   Deactivate	Rajasthan	Rajasthan	<input type="checkbox"/>	Assigned dynamically	Himanshu.Tajne, 19/07/2022, 14:14
Edit   Del   Deactivate	Goa	Goa	<input type="checkbox"/>	Assigned dynamically	Himanshu.Tajne, 19/07/2022, 14:14
Edit   Del   Deactivate	Andhra Pradesh	Andhra Pradesh	<input type="checkbox"/>	Assigned dynamically	Himanshu.Tajne, 19/07/2022, 14:14



The screenshot shows the 'Employee Edit' form in Salesforce. The form is divided into sections: 'Personal Details', 'Account Details', and 'Other Information'. The 'Personal Details' section includes fields for Employee Name, Department, Phone, Address, Salary, State (set to Maharashtra), Email, Pan Number, Qualification, and City. A dropdown menu for 'City' is open, showing options: --None--, Mumbai, Nagpur, Pune, and Nashik. The 'Account Details' section includes fields for Bank (set to --None--), Account number, and IFSC Code. The 'Other Information' section includes a Currency field set to INR - Indian Rupee. The form has 'Save', 'Save & New', and 'Cancel' buttons at the bottom.

Q). In the Pharma Product , create a formula field named as Discount percentage , if price of the product is equal to or greater than 1000

then discount percentage will be 20% otherwise it is 15%

The screenshot shows the Salesforce Lightning interface for the '10L Sanitizer' product. The browser tabs include '10L Sanitizer | Sales', 'Product | Salesforce', 'Picklist Value Set', 'Formula Fields N', 'DAY 2 - Google', 'Dashboard', and 'New Tab'. The URL is 'mirketa49-dev-ed.lightning.force.com/lightning/r/Product\_\_c/a005i000006wOiKAAU/view'. The navigation bar shows 'Aarogya Pharma' and various menu items like 'Home', 'Employees', 'Products', 'Hospitals', 'Doctors', 'Invoices', 'Departments', and 'Order Details'. The product details panel shows the following information:

Details	
Product Name	10L Sanitizer
Product Id	P-0002
Price	INR 1,000.00
Mfg Date	19/07/2022
Expiry Date	23/07/2025
In-Stock	50
Discount Percentage	20.00%
Created By	Himanshu Tajne, 19/07/2022, 14:19
Last Modified By	Himanshu Tajne, 19/07/2022, 14:19

The screenshot shows the Salesforce Lightning interface for the 'Masks 5 Piece' product. The browser tabs include 'Masks 5 Piece | Sales', 'Product | Salesforce', 'Picklist Value Set', 'Formula Fields N', 'DAY 2 - Google', 'Dashboard', and 'New Tab'. The URL is 'mirketa49-dev-ed.lightning.force.com/lightning/r/Product\_\_c/a005i000006wOiPAAU/view'. The navigation bar shows 'Aarogya Pharma' and various menu items like 'Home', 'Employees', 'Products', 'Hospitals', 'Doctors', 'Invoices', 'Departments', and 'Order Details'. The product details panel shows the following information:

Details	
Product Name	Masks 5 Piece
Product Id	P-0003
Price	INR 300.00
Mfg Date	
Expiry Date	
In-Stock	
Discount Percentage	15.00%
Created By	Himanshu Tajne, 19/07/2022, 14:20
Last Modified By	Himanshu Tajne, 19/07/2022, 14:20

Q :- Create a formula field named as commission amount for any opportunity that has a closed Won stage. The value of this formula field will be the amount multiplied by 0.02 if stage Name is equal to Closed won otherwise commission amount will be 0.

The screenshot displays the Salesforce Lightning interface for an Opportunity record titled "Burlington Textiles Weaving Plant Generator". The record is owned by Himanshu Tajne and is in the "Closed Won" stage. The interface includes a left sidebar with navigation tabs, a main content area with a form, and a right sidebar with related sections.

**Opportunity Details:**

- Opportunity Owner: Himanshu Tajne
- Private: ☐
- Opportunity Name: Burlington Textiles Weaving Plant Generator
- Account Name: Burlington Textiles Corp of America
- Type: New Customer
- Lead Source: Web
- Opportunity Currency: INR - Indian Rupee
- Commission Amount: 4,700.00
- Order Number: 645612
- Current Generator(s): John Deere
- Tracking Number: 830150301360
- Created By: Himanshu Tajne, 16/07/2022, 15:24
- Amount: INR 235,000.00
- Expected Revenue: INR 235,000.00
- Close Date: 18/05/2022
- Next Step:
- Stage: Closed Won
- Probability (%): 100%
- Primary Campaign Source:
- Main Competitor(s): John Deere
- Delivery/Installation Status: Yet to begin
- Last Modified By: Himanshu Tajne, 19/07/2022, 14:25

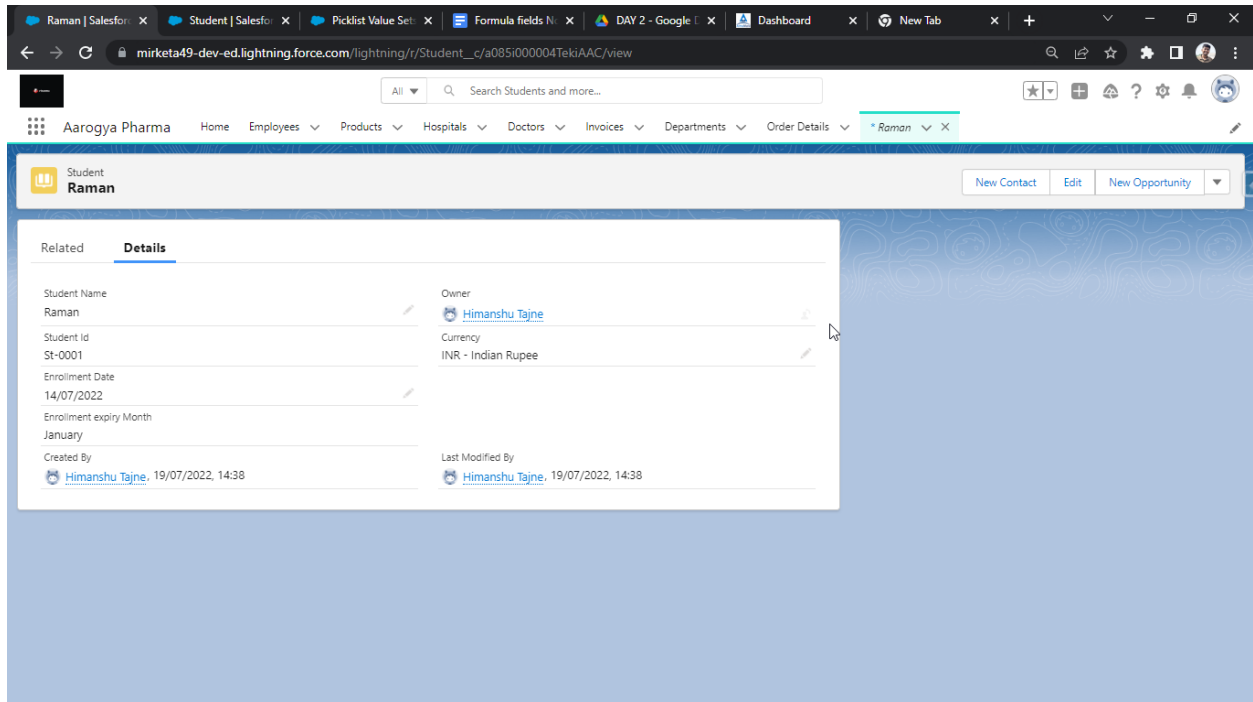
**Right Sidebar Sections:**

- Products (0)
- Notes & Attachments (0)
- Contact Roles (0)
- Partners (0)
- Stage History (3+)

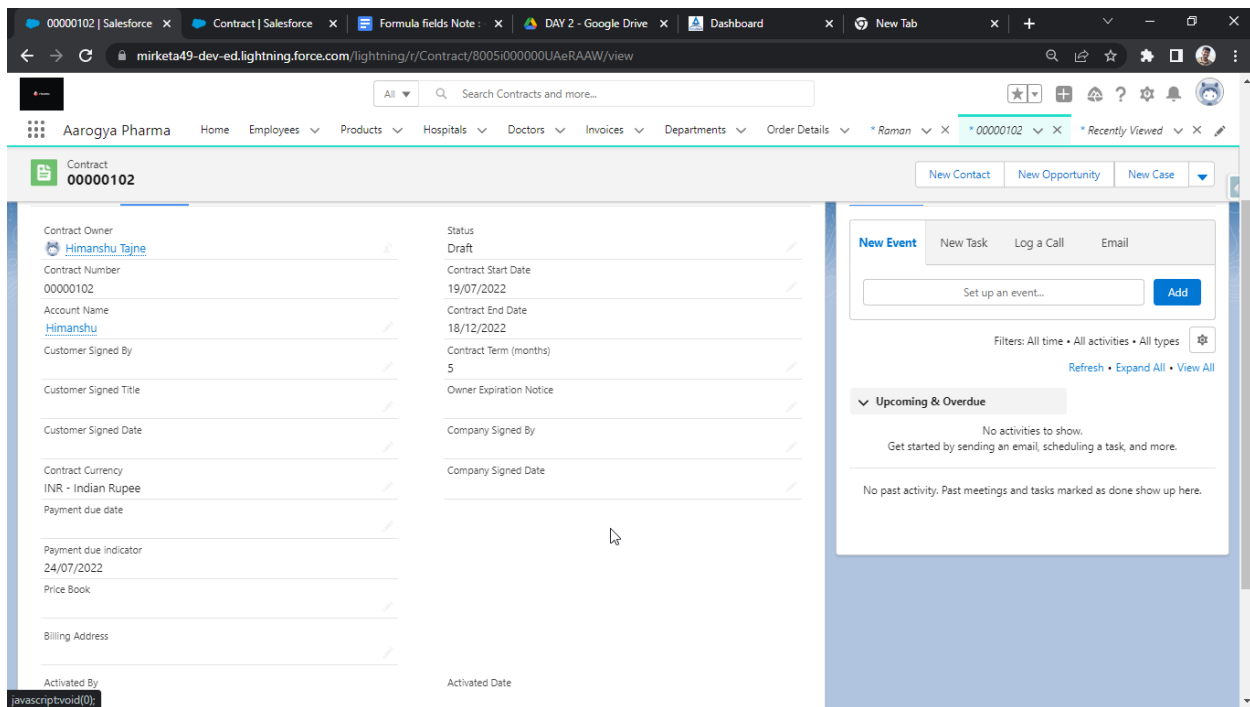
**Stage History (3+):**

- Stage: Closed Won
- Amount: INR 235,000.00
- Probability (%): 100%
- Expected Revenue: INR 235,000.00
- Close Date: 18/05/2022
- Last Modified By: Himanshu Tajne

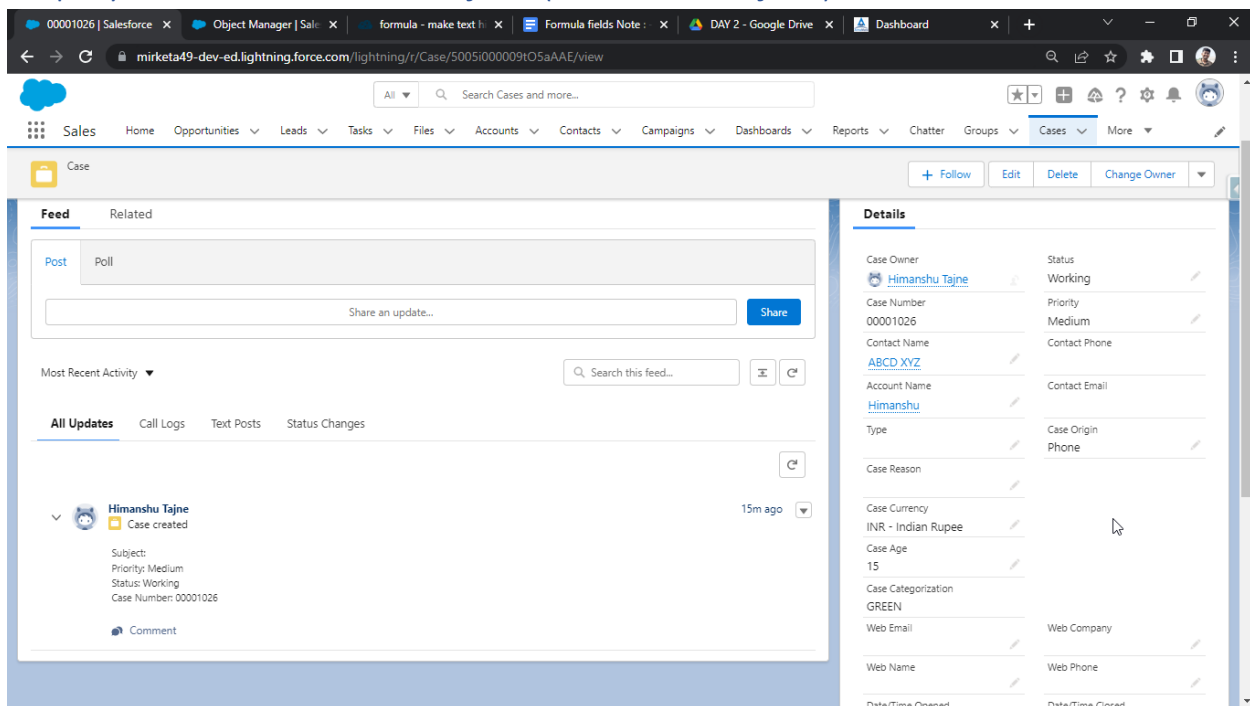
Q :- Create a custom field named as Enrollment expire Month on Student object in which you need to find the month on which enrollment of the student will get expire. The total no. of months for which enrollment is valid is 6 months.



Q :- Create a formula field named as Payment Due Indicator to return the date five days after the contract start date whenever Payment Due Date field is blank. Payment due date is a custom date field on Contract.



Q :- Create a formula field named as Case Categorization to display a text value of RED or GREEN , depending on a case age (a custom field of number type) If Case age is greater than 20 , Display Red, Otherwise display GREEN. On Case object (standard object)



Q). Create a formula field named as Lead score , providing a higher score for phone calls than Web requests . If lead source is phone provide 2 as the lead score, if source is web provide 1 as the lead source otherwise provide 0. (Lead object)

This screenshot shows a Salesforce Lead record for 'ABCD'. The 'Lead Source' is 'Web', and the 'Lead Score' is '1.00'. The record is owned by 'Himanshu Tajne'. The interface includes a top navigation bar with tabs for Sales, Home, Opportunities, Leads, Tasks, Files, Accounts, Contacts, Campaigns, Dashboards, Reports, Chatter, Groups, Cases, and More. The left sidebar shows the 'Lead' object and the record 'ABCD'. The main content area displays the lead details in a two-column layout. The right sidebar shows a message 'We found no potential duplicates of this Lead.' and a 'Campaign History (0)' section.

Field	Value
Lead Owner	Himanshu Tajne
Name	ABCD
Company	XYZ
Title	
Lead Source	Web
Industry	
Annual Revenue	
Lead Currency	INR - Indian Rupee
Lead Score	1.00
Address	
Product Interest	
SIC Code	
Phone	
Mobile	
Fax	
Email	
Website	
Lead Status	Open - Not Contacted
Rating	
No. of Employees	
Current Generator(s)	
Primary	

This screenshot shows the same Salesforce Lead record for 'ABCD'. The 'Lead Source' has been changed to 'Phone Inquiry', and the 'Lead Score' has been updated to '2.00'. The rest of the record details remain the same. The interface and layout are identical to the previous screenshot, showing the top navigation bar, left sidebar, main content area, and right sidebar.

Field	Value
Lead Owner	Himanshu Tajne
Name	ABCD
Company	XYZ
Title	
Lead Source	Phone Inquiry
Industry	
Annual Revenue	
Lead Currency	INR - Indian Rupee
Lead Score	2.00
Address	
Product Interest	
SIC Code	
Phone	
Mobile	
Fax	
Email	
Website	
Lead Status	Open - Not Contacted
Rating	
No. of Employees	
Current Generator(s)	
Primary	

The screenshot shows a Salesforce Lead record for 'ABCD'. The record is displayed in a two-column layout. The left column contains fields: Title, Lead Source (Partner Referral), Industry, Annual Revenue, Lead Currency (INR - Indian Rupee), Lead Score (0.00), Address, Product Interest, SIC Code, Number of Locations, Created By (Himanshu Tajne, 19/07/2022, 15:07), and Description. The right column contains fields: Email, Website, Lead Status (Open - Not Contacted), Rating, No. of Employees, Current Generator(s), Primary, and Last Modified By (Himanshu Tajne, 19/07/2022, 15:09). The top navigation bar includes tabs for Sales, Home, Opportunities, Leads, Tasks, Files, Accounts, Contacts, Campaigns, Dashboards, Reports, Chatter, Groups, Calendar, and More. The right sidebar contains buttons for Follow, New Case, New Note, and Submit for Approval.

Q). Returns the expected revenue amount of an opportunity in text format without a dollar sign . e.g. If the expected revenue is \$2,000,00 then it should display 200000

The screenshot shows a Salesforce Opportunity record for 'Burlington Textiles Weaving Plant Generator'. The record is displayed in a two-column layout. The left column contains fields: Type (New Customer), Lead Source (Web), Opportunity Currency (INR - Indian Rupee), Commission Amount (4,700.00), Expected Revenue (235000), Order Number (645612), Current Generator(s) (John Deere), Tracking Number (830150301360), Created By (Himanshu Tajne, 16/07/2022, 15:24), and Description. The right column contains fields: Stage (Closed Won), Probability (%) (100%), Primary Campaign Source, Main Competitor(s) (John Deere), Delivery/Installation Status (Yet to begin), and Last Modified By (Himanshu Tajne, 19/07/2022, 14:25). The top navigation bar includes tabs for Sales, Home, Opportunities, Leads, Tasks, Files, Accounts, Contacts, Campaigns, Dashboards, Reports, Chatter, Groups, Calendar, and More. The right sidebar contains buttons for Follow, New Case, New Note, and Clone. Below the main record, there is a 'Stage History' section showing a list of stages with their respective amounts, probabilities, expected revenues, close dates, and last modified by information.

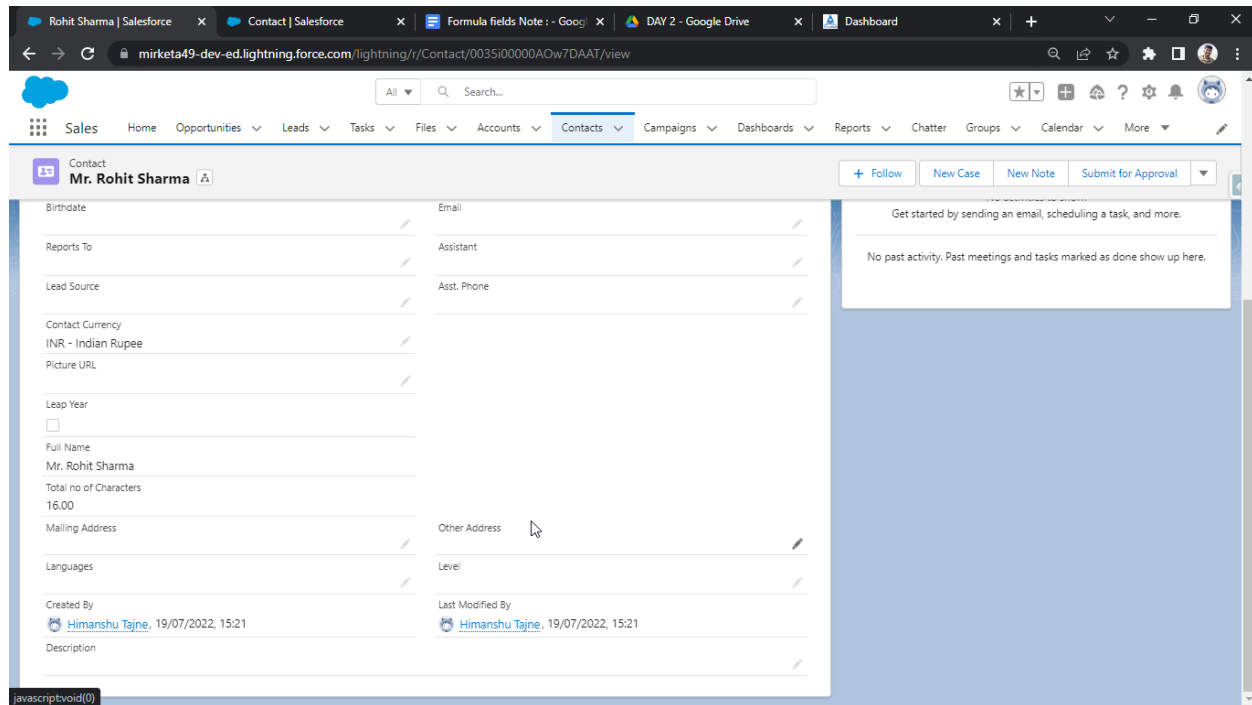


Q). Create a formula field named as Full name on Contact object in which u need to concatenate the first name and last name of the contact.

The screenshot shows a Salesforce interface with a browser window displaying a Contact record for 'Mr. Rohit Sharma'. The URL is 'mirketa49-dev-ed.lightning.force.com/lightning/r/Contact/0035i00000AOW7DAAT/view'. The page has a top navigation bar with tabs for Sales, Home, Opportunities, Leads, Tasks, Files, Accounts, Contacts, Campaigns, Dashboards, Reports, Chatter, Groups, Calendar, and More. Below the navigation bar is a search bar and a list of tabs. The main content area shows the Contact record details for 'Mr. Rohit Sharma'. The record is displayed in a table-like format with fields and their values. The 'Full Name' field is highlighted, showing the value 'Mr. Rohit Sharma'. The 'Created By' and 'Last Modified By' fields show 'Himanshu Tajne' on '19/07/2022, 15:21'. The 'Description' field is empty. The right sidebar shows a section for 'Upcoming & Overdue' activities, which is currently empty. The bottom of the page shows a 'javascript:void(0)' link.

Field	Value
Title	Other Phone
Department	Fax
Birthdate	Email
Reports To	Assistant
Lead Source	Asst. Phone
Contact Currency	
INR - Indian Rupee	
Picture URL	
Leap Year	
<input type="checkbox"/>	
Full Name	Mr. Rohit Sharma
Mailing Address	Other Address
Languages	Level
Created By	Last Modified By
Himanshu Tajne, 19/07/2022, 15:21	Himanshu Tajne, 19/07/2022, 15:21
Description	

Q). Create a formula field named as Total number of characters on Contact object which will calculate the total no. of characters in Full Name field which is created in above Q



Q) : Create a Student object In Almamate App(create this app too) having fields like

studentId Autonumber

studentName text

courseEnrolled picklist

Mode of Payment picklist (Installments or One Time)

Now , there is a requirement to create a formula field which will show the discount Percentage as 10% if mode of payment is One Time otherwise will display null.

Raman | Salesforce x Student | Salesforce x Formula fields Note : - Goog x DAY 2 - Google Drive x Dashboard x + -

mirketa49-dev-ed.lightning.force.com/lightning/r/Student\_c/a085i000004TekiAAC/view

Almamate Home Students

Student Raman New Contact Edit New Opportunity

Related Details

Student Name	Raman	Owner	Himanshu Tajne
Student Id	St-0001	Currency	INR - Indian Rupee
Enrollment Date	14/07/2022		
Enrollment expiry Month	January		
Course Enrolled	UPSC		
Mode of Payment	One Time		
Discount	10%		
Created By	Himanshu Tajne, 19/07/2022, 14:38	Last Modified By	Himanshu Tajne, 19/07/2022, 15:36

Raman | Salesforce x Student | Salesforce x Formula fields Note : - Goog x DAY 2 - Google Drive x Dashboard x + -

mirketa49-dev-ed.lightning.force.com/lightning/r/Student\_c/a085i000004TekiAAC/view

Almamate Home Students

Student Raman New Contact Edit New Opportunity

Related Details

Student Name	Raman	Owner	Himanshu Tajne
Student Id	St-0001	Currency	INR - Indian Rupee
Enrollment Date	14/07/2022		
Enrollment expiry Month	January		
Course Enrolled	UPSC		
Mode of Payment	Installment		
Discount			
Created By	Himanshu Tajne, 19/07/2022, 14:38	Last Modified By	Himanshu Tajne, 19/07/2022, 15:36

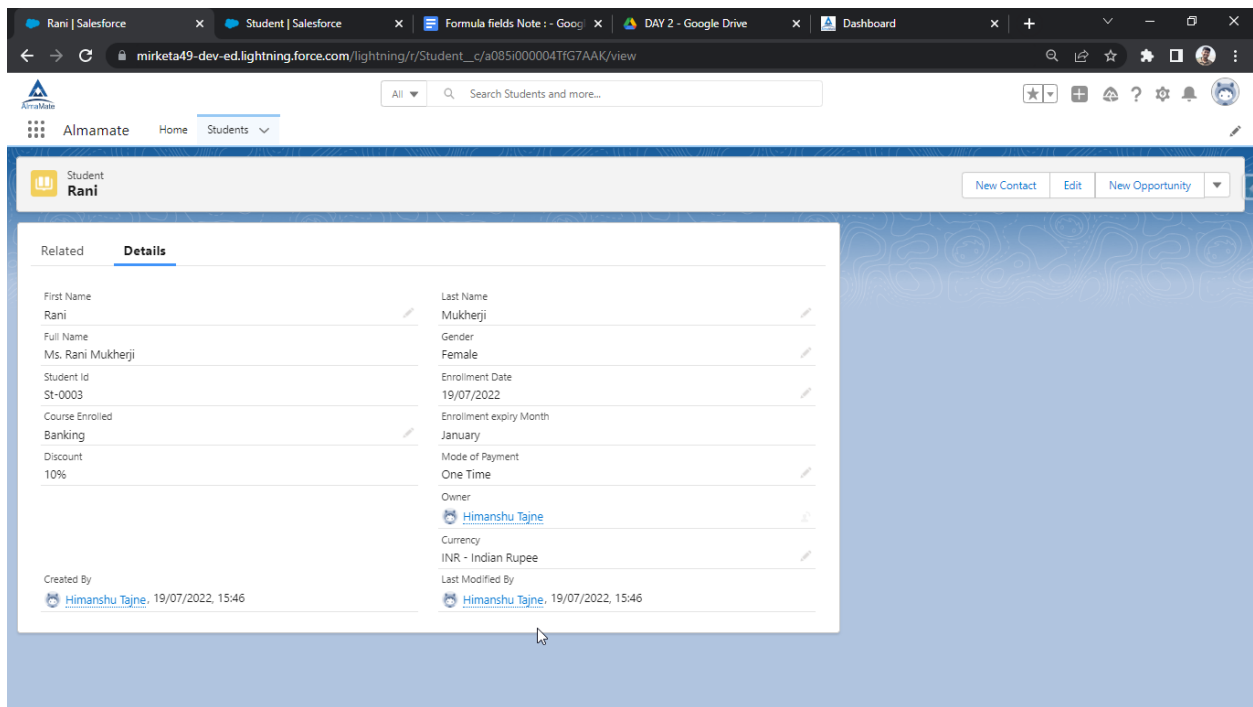
Q :- a) Create two fields of text type in student object named as First Name and Last Name

b) Now create one more picklist field named as Gender with values as Male and Female

c) Now create a formula field named as full name which will display the Mr. First Name and LastName or Miss. FirstName and LastName with space in between according to the gender selected.

The screenshot shows a Salesforce interface with a browser window displaying a Student record. The browser tabs include 'Raju | Salesforce', 'Student | Salesforce', 'Formula fields Note :- Goog', 'DAY 2 - Google Drive', and 'Dashboard'. The address bar shows the URL: `mirketa49-dev-ed.lightning.force.com/lightning/r/Student__c/a085i000004TFJZAA0/view`. The Salesforce header includes the 'AlmaMata' logo, a search bar with 'Search Students and more...', and navigation links for 'Home' and 'Students'. The record header for 'Student Raju' includes buttons for 'New Contact', 'Edit', and 'New Opportunity'. The 'Details' tab is active, showing a table of fields:

Related	Details
First Name	Last Name
Raju	Rastogi
Full Name	Gender
Mr. Raju Rastogi	Male
Student Id	Enrollment Date
St-0002	19/07/2022
Course Enrolled	Enrollment expiry Month
UPSC	January
Discount	Mode of Payment
10%	One Time
	Owner
	Himanshu Tajne
	Currency
	INR - Indian Rupee
Created By	Last Modified By
Himanshu Tajne, 19/07/2022, 15:44	Himanshu Tajne, 19/07/2022, 15:44



Q). Create a custom field of Picklist type named as rating for the student object with values as One Star , Two Star , Three Star , Four Star and Five Star. Now create a custom formula field which will display the different image for different ratings.

