**Mock Questions:**

**Link:** **https://www.salesforcetroop.com/interview/salesforce\_relationship\_interview**

**Interview 1:Nagarajan – Kishore Kumar**

**Certifications:**

**SuperBadges:**

**Recent Superbadges:**

**Trailhead ranking:**

**Record Types:**Record type allows you to have different versions of an record for different business processes For ex:We can create a page layout separately for the retailers and wholesalers

**PageLayout:**It’s basically an visibility of fields where it used to collect all information from the user and we can customize it based on our needs like some field can be required or read only and arrange all the fields ,quick action and std or custom button

**Diff b/w profiles and roles:**Profile provide object level security and which determines the user can access the object and its data and can assign pagelayout based on their needs.Every user should have profiles.One profile can be assigned for many user  
Where as role determines the record level security where the user in higher level of hierarchy can access the data of the lower level hierarchy user eventhough owd is set to private.Its not mandatory for user.

**OWD:**It’s a basic record level security which has public read,public read/write and private based on this the user can access the data in the object

**Recent update:**

**LWC Decorators:**@wire:is used for the CRUD operation used to create,read,update or delete from the wire adapters like lightning ui/api .and also call the apex controller,built in lightning data services  
@api:to expose the public property so that it renders the component if the value changes  
@track:It is used to make the private field or property to be reactive so that it renders the component if the value changes

**Apart from@wire is there any way to access apex class:**  
Imperative calling  
Wire method is used to load data when the component renders  
whereas the imperative calling method is used to load data when it is called based on demand

**Diff b/w let and var:**var is a global scope and can be accessed and declared globally  
let can be declared globally but but access is limited to the bloch where it is declared

**Different events in triggers:**Before insert,after insert,before update,after update,before delete,after delete,before undelete,after undelete

**Best Practices in Triggers:**logicless trigger,logic should be in handler,Don’t use SOQL or DML inside for loop,Governor limits,one trigger per object,bulkify the codes,SOQL using filter,Avoid hardcoding

**Apex Batch:**Apex batch is an asynchronous apex method which executes the records based on the batch size.When we want to process bulk records we can go for batch apex  
batch executions limit per day is 250000 per 24 hours  
Upto 5 batch jobs can run in parallel  
number of records retrieved by SOQL queries: 50 million records.

Default batch size:200,Min:1,Max:2000

**Interface in Batch apex:**Datbase.Batchable

**What is interface:**Interface is a class with the method that does not have any code implementation.This provides an abstraction layer to the code where we have to use all the methods while implementing the interface

**Future Method:**It’s a basic async apex method which is used for long running operations and it avoids mixed DML Operations and callout to external service. Future methods are ideal for integrating Salesforce with external systems or performing complex data transformations.

**Queueable:** It’s an async apex method which is used to process the data asynchronously and it is also used for long running operation to executes separately into chunks and we can chain the Queueable job

**Wrapper:**It’s an object created in apex,like a custom object but created in code which will be alive only during the transaction and does not use any database storage

**Primitive and Non primitive data type:**  
primitive Data type:integer,char,string,Boolean,double,float  
Non primitive data type:Object,List,Set and Map,array

**Which datatype cannot be used in future method:**Non primitive data type

**Interview 2:Nagarajan - Kishore Kumar**

**SOQL:Retrieve accounts which has already anyone closed won opportunities**List<Account> accList=[Select Id,Name,(Select Id,StageName From Opportunities Where StageName =’Closed Won’) From Account];  
Boolean checkOpportunity=FALSE;  
for(Account acc:accList){  
if(acc.Opportunities.size()>0){  
checkOpportunity=TRUE;  
System.debug(acc.Name);}}  
if(checkOpportunity=FALSE && accList.size()>0){  
system.debug(‘none of the accounts have opportunities’);}  
else{system.debug(‘No Account exist’);

**Opportunities are closed won I don’t want the users to change stage and opp amount.**Trigger:  
trigger OpportunityTrigger on Opportunity(Before update){  
OpportunityTriggerHandler obj=OpportunityTriggerHandler();  
obj. blockClosedApp (Trigger.New,Trigger.OldMap);}

Trigger Handler:   
public class OpportunityTriggerHandler(){   
public void blockClosedApp(List<Opportunity>oppList,Map<Id,Opportunity>oldMapOppList){  
for(Opportunity opp:oppList){  
if(oldMapOppList.get(opp.id).StageName==’Closed Won’ && (oldMapOppList.get(opp.id).StageName!=opp.StageName || opp.Amount!= oldMapOppList.get(opp.id).Amount){opp.addErrors(‘Stage and Amount cannot be changed for opportunity with closed won’);})}}

**Diff b/w SLICE and SPLICE:**Slice:It returns the new array from the original by selecting the start and end indexes of the element  
Splice:It modifies the original array by adding or removing the element.

**Diff b/w Map and Filter in LWC:**  
Map:Loop all the values in a given array and change all the values by applying a given function  
Filter:Loop all the values and change the values which matches the criteria

**What are the scenarios that u will be using @api annotation:** Parent to Child Component

**LDS:**Lightning Data Services is a powerful tool by salesforce by which lwc interacts data from LDS without the need of server round trip

**When ull be using LDS,wire and imperative apex:**   
Wire will be used when we want to process the data while rendering the component  
Imperative apex will be used when we want to process the data based on demands  
LDS is an edit,view or read form where we can access the data directly without any code implementation

**How ull be communicating b/w LWC and AuraComponents:**We can call the LWC child component from the Aura Parent component

**Is it possible to show a component based on the profiles:**In the edit page we can set the component visibility based on profiles

**U r calling and imperative apex controller with some DML Operations and some kind of exception in APEX.How you will handle in LWC?**Show toast event in catch block

**Is it possible to make a callout from batch apex:**Using Database.Allowcallouts

**When doing the callouts facing an exception uncommited transaction pending,, commit and then do the callout.What might be the possible reason?**this happens when we are trying to commit and do the callout in a single transaction.We have to workaround by creating a separate function for the callout and in a single transaction we should collect all info from the external system and then we have to DML operation.For Ex:when we trying to fetch data from the external web service for the postal code then in the batch apex collect all the data from the callout and store in a map or list and then access the DML Operation

**What are the different ways to schedule a batch apex?**Thro UI and CRON expression

**Is it possible to cancel the scheduled batch apex?**Thro UIHome 🡪 Scheduled Job 🡪Delete Job,,Using System.abortJob(jobId)

**Diff b/w auto launched flow and Screen Flow?** Auto launched flow is invoked from another flow or apex method.It does not have any screen and get the input,Also calles a subflow  
Screen Flow in an UI where it gets the input from the user for processing

**Is it possible to have a screen in autolaunched flow?**No

**What are the diff ways to get current recordId from screen flow?**using recordId variable

**Handle exceptions in SF Flow?**By adding a screen flow in the fault path

**Diff b/w Salesforce licence and platform license?**Salesforce license is designed for CRM features where they can have full access to all standard and custom objects  
platform License is designed for Force.Com applications where they do not have access to CRM features and here they have access to full custom app and some std apps in the Appexchange

**Diff b/w enterprise edition and professional edition?**Enterpriseeditionis for mid size to large companies where we have some additional features like API access,unlimited flows and unlimited profiles, Pricing-$165.Professional edition is for small size to mid size companies casting and has basic essential features and does not have Api access,only 5 flow and limited no of profiles and users. Pricing-$80

**Diff b/w data loader and Data import wizard?**

|  |  |
| --- | --- |
| **Data Import Wizard** | **Data Loader** |
| For simple imports of data H | For complex imports of data Has 7 functionality Import all,import,update,delete,upsert,export,export all |
| It can load up to 50,000 records. | It can load up to 5,00,000 records. |
| It supports all the custom objects and only a few standard objects like Account, Contact, Campaign members, person accounts, Leads, and Solution. | It supports all custom and standard objects. |
| It supports schedule export. | It doesn’t support scheduled export. |
| Delete operation is not available. | Delete operation is available. |
| Cannot import cases and opportunity. | Can import cases, events, tasks, and opportunities |
| While importing, duplicates can be ignored. | While importing, duplicates cannot be ignored. |
| It doesn’t require installation. | It requires installation. |

**Is it possible to schedule of exporting a data?**No through data import wizard we can schedule the export

**Bucket field:**used to categorize the field in the report without creating a custom formula field..Only numeric,text or picklist can be used,Limitations:5 bucket fields per record,Max 20 buckets for each bucket field

**Hierarchial Relationship:**It’s an lookup for user object where it defines the record level sharing.Here the user in the higher hierarchy can access the data from the user in the lower hierarchy

**Is it Ok to create lookup relationship in user object?** You can't create a lookup field on the User object, the user can only have hierarchical relationships.

**In a Junction object and deleting the secondary parent record and what will happen to child record?**when deleting any one of the parent record then the child record gets deleted and stored in the recycle bin whereas when we try to delete both parent record then the child records are deleted permanently and cannot be restored

**Is it possible to create junction object with lookup relationship?**Yes it is possible but the cascade delete will not work

**What is Owd - controlled by parent?**It means sharing setting is determined by parent.For Ex:Contact sharing access determined by parent

**What is mean by owd public read/write/transfer:**Is available only in lead and cases where the record is available for all users to view,edit ,transfer ownership and report on the records

**Is it possible to set queue as a owner of account record?**No we cannot assign queue as owner for account object.Queue can own lead,case and other custom objects only

**Fetch Api is used in connected or rendered call back:**Its used in connected callback

**Lifecycle hooks in LWC:**Lifecycle hook is the callback method that trigger in each phase of the component lifecycle  
Constructor:: It is triggered before the component connected to the DOM.It is used for initializing the component properties  
Connected callback::It is triggered when the component is connected to the DOM.here data fetching can be implemented  
RenderedCallback:It is triggered when the component is rendered and it is called after every render of the component.Here we write the code to manipulate the DOM and post rendering logic  
ErrorCallback::It is triggered when there is an error and used to display user friendly message

**@api can be used in single component there is no parent child component:**@api is used in  
Parent child component  
@ap ObjectApiName  
@api recordId

**Object destructuring:**Object destructuring is used to extract properties from an object and then bind them into the variable Ex:Object{Name:’AA’ Salary:’15’}=cost {Name ,Salary}

**Array destructuring when we will use?**Array destructuring is used to extract the data from the array and bind them into the variable without looping and assigning them  
[a, b, ...rest] = [10, 20, 30, 40, 50];

**Diff b/w map and filter function?**Map is used to change the value of the original array for the specified condition  
Filter is used to create a new array and stores the value that satisfies the condition

**Different types of SF edition?**Developer edition,Essential edition,Professional edition,Enterprise edition and Unlimited edition

**Difference b/w Professional and enterprise edition:**  
Professional edition is ideal for small to mid size company.Pricing $80  
Enterprise edition is ideal for large size companies where there are some additional functionalities like Api access and unlimited flows.Pricing $165

**Different types of SF user licenses?**Salesforce,Salesforce Integration,Chatter user license,Service cloud user license,Standard user license,Experience cloud user license

**Use of profiles:**Profile defines an object level security for the user and based on the permission given in each object like read,create,edit,delete,view all,modify all we can access the object

**What are the permission in profile?** read,create,edit,delete,view all,modify all

**What are the other settings in profile?**There are other settings like tab setting,page layout setting,password policies,login hours and login IP Ranges

**What are the different types of tab settings available?**Default On:The tab is available in the app navigation bar and the app launcher  
Default Off:Tab is not available in the app navigation bar but available in the app launcher  
Tab Hidden:Tab is not available in the app navigation bar and not in the app launcher

**When ull be using a permission sets?**Permission set is used to extend the object level security access without changing the profiles

**When we will be configuring view all:**If we want to provide permission for the user to see all the records eventhough owd setting is set to private

**Owd setting as private and profile object setting is view all then do all the users can see all the records?**Yes all the users can see the records

**What is meant by owd – private,controlled by parent?**if owd set to private then the records are not accessed by other user other than record owner  
If owd set to controlled by parent then the records sharing setting is controlled by the parent sharing setting

**Junction object if owd – controlled by parent then which setting it will share?** For many to many relationship, junction object will inherit OWD from **primary**

**What are the objects having read/write/transfer?**Lead and Cases

**Default internal user and default external user?**Default internal access is used to set record level security for the internal user  
Default external access is used to set record level security for the external user who connects from the other erp system

**Types of relationship:**  
Lookup,Master detail,hierarchial,many to many,self relationship,External relationship

**Hierarchial relationship:**It defines the record level security where the user in higher hierarchy can access the data of the user in the lower hierarchy

**When ull be thinking about master detail relationship between two objects?**when the records needs to be cascade deleted and the sharing setting of the child needs to be controlled by parent

**Is it possible to restore the child in master detail relationship:**Yes when the master record gets restored then the child record also gets restored

**Maximum how many lookup relationship in an object:**40

What are the different ways we can make a field required:  
When the field is created then we can enable the required check box  
In the pagelayout choose required for the field  
Using validation rule  
using Apex trigger  
Using flows

**In flows what element u will use to make field required:**In a screen flow there is a check box as required

**Tell me a scenario when to use the required field in page layout:**When we want to create a particular field for two business process or record types where in one record type it needs to be required and in other it does not

**Is it possible to delete a master detail relationship in an object:**Yes it is possible if there is no rollup summary field then we can convert into lookup or master detail if it is a custom field

**Rollup summary field** is a field in the parent object which provide us the count,sum,min and max of the fields in child record

**What all are the objects that supports different types of owners(like queues)?**For ex:Account supports only user as owner but some object in SF supports user and other entities like Queue.Which object will support?In lead object we can assign the lead owner to the queue

**What will happen to the record when we have a lead assignment rule:**Queue will be assigned as a owner.

**When the lead is converted into account then which field will be used to create account name?**Company name

**Is it possible to bypass a validation rule:**By custom settings

**While Converting a lead to account,contact and opportunity there is a validation for the account that the account number is required since there is no mapping of account number from lead to account the lead conversion may fail,so the client ask us to fire the validation only when the user create the account record directly and when there is an lead conversion then it should not fire.Is it possible?**

**I have web to lead form and whenever submitting a form we have to identify it is an existing lead or new lead?**with duplication rule we can prevent adding the existing user

**When the lead is created the status will be not started within 1 hour the status should be changed then after an hour remainder should be sent to the lead owner?**Record triggered flow with variable date as formula checks the hour from the created time

**Best practices in flows:**  
CRUD operation not inside a loop,Use collection variable,Use fault path,Screen element after CRUD operation,build reusable flows

**Is it possible to launch a flow in the list view page:**Yes through list button or list link

**Diff b/w autolaunched flow and subflow:**A subflow is an auto launched flow which is called from the othe parent flow.Here two variables will be available for input and available for output  
Autolaunched flow is invoked upon certain specific conditions.There will be no UI

**Data migration:**It is importing or inserting a data from salesforce app to the other external source.while migration we have to map each record with a unique record Id(External Id) to maintain a relationship

**Data loader:**Data loader is an external application by which we can perform operations like Import,Import All,Export,Export All,Insert,Upsert,Update,Delete,Hard Delete.It can load upto 5 million records,Supports all std and custom objects

* 1. Insert- Used to create records
  2. Update-used to edit records
  3. Upsert-used to create and edit records in a single call
  4. Delete-used to delete a record
  5. Hard delete – used to delete a record permanently
  6. Export - used to export records(excluding recycle bins)
  7. Export all- used to export records(including recycle bins)

**When working in Apex what are the Data structures u have been using:**List,Set and Map

**When ull be using set and Map:**Set is used when we want to store values without duplication,Map is used when we want to identify a value based on the key

**Important functions of the map:**Map.put,Map.get(),Map.containsKey(),Map.Keyset(),Map.values()

**SOQL to list opportunity 5 days back:**  
List<Opportunity>oppList=[Select Id,CreatedDate From Opportunity Where CreatedDate=LAST\_N\_DAYS:5];

**Query all the accounts and related opportunities where stage should be ‘Closed won’**  
List<Account>accList=[Select Id,Name,(Select Id,StageName From Opportunities Where StageName=’Closed Won’) From Account];  
for(Account acc:accList){  
System.debug(‘Name::’+acc.Name);  
System.debug('Opportunity Size::’+acc.Opportunities.Size())}

**Minimum code coverage required in apex:**75%

**Diff b/w Test Data factory and testSetup method:**  
Test Data factory is a common test utility class for data creation which is a static method annotated with @isTest is reusable for any test class  
TestSetup Method is used to create a data for the test class and it is reusable in the same method

**Is it possible to use org data in the test class:**if annotated with @isTest(seeAllData=true)

**Tell me some governor limits:**  
DML Limit-150  
SOQL-100  
SOSL-20  
Records retrieved from SOQL:50000  
Records retrieved from SOSL:2000  
Total heap size=6 MB/12 MB  
Records for DML:10000

**In account object we have a custom field called no of opportunities whenever opp is created then no of opportunities will be increased by 1**

public void numOpportunities(OppList){  
Set<Id>accids=new Set<Id>();  
for(Opportunity opp:OppList){  
if(opp.Accountid!=NULL){  
if(Trigger.isUpdate){  
if(opp.AccountId!= TriggerOldMap.get(Opp.Id).AccountId){  
accids.add(TriggerOldMap.get(Opp.Id).AccountId);  
accids.add(opp.AccountId);}  
else{ accids.add(opp.AccountId);}}}

Diff B/W Update and Database.Update

**How u will manage state in batch apex:**Database.Stateful

**Interview 3:Vijit – Dhansree**

**What configuration u did in SF?**Configuration means creating custom object,fields,apps and tabs and other security implementation needed .

**Is there any Std fields available for the custom objects:**There are 4 field :Auto Number or Name,Created by,Modified by,owner

**Standard Object and Custom Object:**  
standard object is a built in predefined object given by salesforce for the business purpose  
Custom Object is created by the user if the business requirement is not satisfied with the std object then we can create and customize custom objects based on the needs

**AppExchange:**its like a google play store the salesforce is providing an AppExchange which has many application for various business purpose so we can download and use it based on our need in requirement

**Managed and Unmanaged Package:**Unamanged packages is for opensource project where it is fully customizable and while managed packages provide security and its components are protected and locked

**Multi tenant architecture:**When many org shares the single platform where they can access the data,storage and process for their business purpose and the salesforce org sets the governor limits to make effective use of the storage,code ,tools and other function for all users and also provide security of the data that will not be shared with other org

**User management:**defines the creating the users,assigning the profiles and roles,and assigns what all objects,records user can access

**If the client approach to buy a licence which license do u prefer?**License depends on the business process and the user.We have to consider what all the access can be given to the user based on that we can decide the user license.Like std user,permission set license,platform user license

**Types of tabs:**  
**Custom Object Tab:** Enables users to create a tab for a custom object to easily access and manage its records.  
**Web Tab:** Allows the integration of external web content or websites directly into the Salesforce interface.  
**Visualforce Tab:** Used to display custom Visualforce pages within the Salesforce interface.

**Profile and roles:**

**Public group and Queue**:  
Both public group and queue are collection of user  
but when we want to assign some permission sets for the bunch of user we can create pg and assign  
whereas if u want to assign a ownership to the record for the users then go for queue so that any member of the queue can work on the record

**Reports and Dashboards:**Reports is a built in tool used to analyse the data generated based on the specific criteria.  
Tabular:provides data in a tabular format.when u need a simple report with total count then u can go for this  
Summary: If u want to group the data by rows then it is a summary report,For ex:in a picklis with values hot,cold and warm if u want to group based on the picklist then u can go for this.This give us the subtotal of each grouping  
Matrix:If u wanto group two based on rows and columns  
Joined report:If u want see to join two related reports  
**About sharing in reports:**Reports are stored in the folder and u cannot share a single report ,u can share the folder that contains the report.  
If ur not havin an access to view the report then u cannot see the report  
If the user does not have some access to some data in the report then they cannot view those data

**Dynamic Dashboard:**Dynamic dashboardis like accessing the dashboard based on the visibility access provided by the shared user.they can assign the view dashboard as  
Me  
dashboard viewer  
Specific user  
let dashboard viewer choose

**Bucket field:**It is used to categorize the field in the report without creating a separate formula field.For ex:if we want categorize student marks like Above 90,80 to 90,70 to 80 and so on

**Sharing access level in reports:**View-Read only access,Edit-User can edit the records,Manage-User can read/edit and share the reports

**Can we apply filters in Dashboards:**Yes

**Formula fields:**It’s a read only field,where the value is based on the criteria defined by us from the other fielf.For ex:Age calculation or sum up all amount in opportunities

**Formula field stored in database?**No they are not stored.They are dynamically calculated and assign values

**Bypass the validation rule:**using Custom Permissions we can bypass the validation rule

**Order of execution where does the validation rule occurs:**before saving the record to the database it will fire

**What is the need for designing custom objects:**When the standard objects does not meet the requirements of the business logic then we go for custom objects

**Limitation of custom objects:**2000 Un/400 Dev custom objects  
<https://trailhead.salesforce.com/trailblazer-community/feed/0D54S00000K0a7fSAB>

**Record Type and Page Layout:** Page layoutis used to define an UI for the object where the arrangement of the fields,quick action and standard and custom button.And also if we want to make certain field required that also can be achieved in the page layout  
Record Type Is used to define a different page layout for the different business purposes and also we can customize the fields and also the picklist values for the different record types.For ex:In an organization an employee information can be displayed differently for the employer and the HR

**Some objects in Sales Cloud:Revise all std objects**

**Is Lead and Campaign related:what is the use of Campaign members:** A CampaignMember is a junction object between a Campaign and a member (lead or contact).

**In lead conversion is opportunity is mandatory:** As Opportunity is a required field, but if you don't want to convert the lead into opportunity, select the 'Don't create an opportunity upon conversion' checkbox

**Is there any option to recall the approval after submission:** Go to the detail page for the record associated with the approval request.In the Approval History related list, recall the approval request.  
In initial submission of approval process we can check

**Delegate user in approval process: Delegate user is used to approve the record in the absence of approval.There is a check box while creating an approval process where we can assign if in absence of approver the delegate approver can approver and we can assign in the DA in the personal settings or in user object**

**Who can assign delegate user:System administrator**

**Various levels of security:**Organization level Security:Contains all authorized user info,login hours and login ip range and location  
Object level security:is used to define an access to the object for the specified profile,which has permissions as read,edit,delete,view all and modify all.If u want to extend the permissions of the profile without changing the profile we can go for permission set.  
Field level security:is used to define an access to the field in an object eventhough they have an access to the object we can restrict the field for profiles and setting is done on profile  
Record level security:is used to define the access of the record   
OWD:private-user can access their own record,public read-user can view other user record,public read/write-user can view/edit the other user record,public read/write/transfer-available only for lead and cases,apart from read/write/can transfer the ownership and report on records  
Sharing rules:share the record based on some criteria  
Role hierarchy:  
Manual Sharing

**Owd as public read/write two users doesn’t have any access in object:**then the user cannot access the object

**Owd as private profile as read,edit,delete access:**access their own record

**View all and modify all:**Can access all the records in the object

**View all data and modify all data:**is mostly assigned for the system admin in the profile setting so that they can access all the object,records and fields irrespective of the security settings

**How to call apex class from flow:**The apex class should be annotated with @invocable method

**Autolaunched flow:**A flow can be separated and split into subflow so that the flow can be reused and these flows are called by the parent flow

**Handle errors in Flow:**Using fault path with the screen flow to display the error message

**Order of execution for the record triggered flow:**Using trigger explorer

**Data loader:**

**Which tool is used to avoid duplication:**Data import wizard

**Any other restriction in Data import wizard:**std object,50000 record,delete operation not available,cannot import cases and opportunities

**Datatypes in Apex:**Integer,string,Boolean,Decimal,Blob,Date

**sObjects**:It defines the Object that will be accessed in the apex class

**Object:**Its an instance of the class.In an class we can access the methods with the objects

**Enum:**Its an abstract data type where u can define constants whose value do not change

**Static:**Static method is a block of code which can be accessed directly by the class without any object creation.Static variable retain its value while processing a different method in a single transaction

**Constructor or static block which will be executed first:**Static block will be executed first

**Asynchronous Apex:Governor limits in Apex:**Asynchronus apex is used to process in a separate thread where it does not wait for the other tasks to finish.  
Total records retrieved from SOQL:50 million records

**Need for future method:**  
When there is a long running operation to avoid cpu time limit error  
Callout method  
Avoid mixed DML exception

**Can u call queue from batch class:**yes we can call from the finish method,but we cannot call future method from batch apex

**Context variable in triggers:**

**Diff b/w trigger.New and trigger.NewMap:**

**Diff b/w trigger.new,trigger.Old:**

**What are the ways to avoid recursion in trigger:**it occurs when the trigger invokes the same record again which cause a loop of repeated execution.To avoid  
use Static Boolean variables  
Use Static set of Ids

**SOQL and SOSL:**SOQL and SOSL is a database query language which is used to retrieve the data from the database.SOQL and SOSL have the different syntax.SOQL retrieves the data from the same object whereas SOSL retrieves data from different objects.SOQL returns List of sObjects,SOSL returns List of list of sObjects

**Can u implement rollup summary in SOQL:**Yes with the aggregate result using count

**Can Aura and LWC coexist:**Using parent child relationship where Aura can be a parent component and LWC can be a child component ,vice versa is not possible

**Lifecycle hooks:**

**How do u handle authentication and authorization in LWC:** [**https://dev.to/salesforcedevs/accessing-salesforce-from-apps-built-with-lightning-web-components-open-source-4nag**](https://dev.to/salesforcedevs/accessing-salesforce-from-apps-built-with-lightning-web-components-open-source-4nag)

[**https://mukulmahawariya11.medium.com/beginners-guide-to-api-calls-from-salesforce-lightning-web-components-65af2ab7c629**](https://mukulmahawariya11.medium.com/beginners-guide-to-api-calls-from-salesforce-lightning-web-components-65af2ab7c629)

[**https://developer.salesforce.com/docs/atlas.en-us.chatterapi.meta/chatterapi/intro\_using\_oauth.htm**](https://developer.salesforce.com/docs/atlas.en-us.chatterapi.meta/chatterapi/intro_using_oauth.htm)

**Anyway to handle asynchronous execution in LWC:**Callback function  
Async and Await  
promise function

**Deployment tools in SF: Copado, Gearset, Flosum**

**TestSetup**:its annotated for a method in the test class where the test data is created and its been used in the other test method in the same class. Salesforce org's data is not visible to the test class, rather it has to create its own data. However, this behaviour can be changed by annotating a Test class or test method with @isTest(SeeAllData=true) annotation opens up the entire org's data to the test class.

**Interview 4:Priya**

**Diff b/w future and Queueable:**Future:Callout,Avoid CPU Limit exception for long running operation,Mixed DML Exception

**Why the future method accepts primitive data types while queueable accepts non primitive?**  
Future method does not accept the sObject since the sObject changes between the time when the method is called and its been executed and also returns only void and static method

**Can we schedule future method:**No we cannot schedule,but we can schedule for queueable and batch apex

**What are the methods in Batch Class:**  
Start method :where it retrives the data by using database.getQuerylocator  
Execute method:Where the record is processed in batch as we mentioned  
Finish method:where we can get the job Id of the batch class and can query to get the jobstatus

**Why do we use Database.Querylocator in Batch:**when u want to process or retrieve large number of records then Database. Querylocator helps which can retrieve upto 50 million records,Since batch apex deals with large number of record we go for Database.Querylocator.Whereas we can use iterable when we want to use the list of records but limited to 50000 records

**CRON Expression:**So as per class with interface schedulable we can schedule in 2 ways:  
From UI but has some limitation where we cannot schedule for specific time like 5.35 AM  
But that is possible using CRON expression which will be defined in the datatype string and the syntax is Seconds,Minutes,Hour,Date,Month,Day of the week,Year,,,,Here Year is an optional,we can add some special characters also , indicates for both value should be considered,, - indicates that inbetween value should be considered ex:Jan – feb,,? Indicates no value should define only in Date and Day of the week and not both at a same time

Parent to child Component:

Child to Parent component:

Lifecycle hooks:

Decorator in LWC;

Best practices in Apex trigger:

Email and Contact Number in Account and Contact whenever creating a record in account same should be copied to the related contact  
public void updateEmailAndPhone(){  
Set<Id>accId=new set<Id>();  
for(Account acc:triggerNew){  
if(trigger.isUpdate){  
if(acc.Email!=triggerOldMap.get(acc.Id).Email || acc.Phone!=triggerOldMap.get(acc.Id). Phone){  
accId.add(acc.Id);}  
List<Contact>conList=[Select Id,Phone,Email,Account.phone,Account.Email Where AccountId=:acc.Id];

Sales Cloud Flow:About objects:So As per business scenario, It starts with the campaign which is the great example of the self relationship and creates the lead if someone is interested and campaign member act as a junction object between the campaign and lead.Then the lead has picklist as status open….closed contacted if the rep worked on the lead is getting converted into account,contact and opportunity where the opportunity conversion is optional and during the conversion if we want to bypass the validation process then that is possible by unchecking required validation during conversion in lead setting,where in account has account team members has an lookup to user where user is assigned if he works on that specific account then the opportunity has a related list of opportunity line item and Quote where the Opportunity line item is a junction object between product and opportunity if the products added in the Opportunity it will be stored in OLI.Quote is an formal document defines pricing,product details and about the discount,Quote line item is a junction object between product and the quote

Diff b/w sales and service cloud :Sales cloud is for pre sales activity service cloud is the post sales activity

Queue assignment rules:It’s a group of users where we can assign cases,lead or tasks for the queue as a owner so that the user in the queue who are available will be assigned

Web to lead:Web to lead is a form where we can select or deselect the fields in the lead to assign it in the form and created by html generator

How to check whether lead is created from web/email/phone?It will not be automatically updates but we can select and assign the field leadsource in the form as required for the user to select

If lead is created from form and from email then send different email templates for both.Is it possible?Yes,while configuring itself we can select the templates

Email to case:

How the lead source is set whether the lead is from web,email or phone?

Send response email if lead is created through web to lead form send diff template and then if it is thro email then it should be different..is it possible by auto response rule?

Auto response rule will work for record creation or record updation?No it is not for record updation.we have to send an auto response email when we receive an email to customers in that way we can retain the customer

**In Case object ENTITLEMENTS AND MILESTONES ,picklist as request like password issue or unlock,refund issue,password reset-PWD reset entitlement 10 mins,Unlock – 5 mins,Refund issue -SLA as 3 days,Violation -Send to manager and assign as rep as manager**

**Can u retrieve account created in 2024 and in display in a table format and new button to create and inline edit and multiple select for delete option**

**Flows:In blood donor date of birth..if person is on birthday and we have to send email?**

Master Detail and lookup:

In a master detail relationship is it possible to prevent deletion of child records:By reparenting

In manual sharing the sharing button is not available.what will be the reason?If owd is public read/write

Still owd is private?we should check page layout

Hierarchy should not work for one object.how is it possible?Uncheck grant using hierarchy in custom object

If we want share a managers record to the rep then how is it possible?By manual sharing if it is few records,if all records should be accessible then go for sharing settings

Consider like I have view all and modify all for object A and OWD is private.if we login do we have access to all records?Yes

Object -create and view/owd – public read/write then can we access other records?then we can view the record but cannot edit it since in object level we don’t give edit option

Object – read,Inside object all fields have edit access?only read access to records

User A is reporting to B,B is reporting to C,will C have access to A?No

How to set Holidays?Can we set diff holidays for different countries?

User Management.Freeze and inactive?Freeze is used when the user is on holiday or will not be available for some time,license will not be removed,,whereas if the user is not available in the org then go for inactive

If user is owner of few cases and record is been referenced in approval process can we freeze or inactive?We can freeze and reassign all the cases to other user and the make it as inactive

Can we assign more than one permission set to user?Yes

If the user is not having any role how the access or hierarchy will define?It access based on owd,object level and field level

Data loader and Data reports

do u know how to schedule reports?We have an option - Subscription to schedule based on day,month or weekly

Out of 10 reports only 5 reports should be shared? Create a folder and add 5 reports to the folder and share the folder

Can u schedule data export:We can export both manually and schedule in the setup since backup the data in particular cycle which is the more efficient way to handle the data

Is it possible in data loader:we cannot schedule in data loader but can be done manually

Merge in apex?Merge method in apex is used to merge records from account,contact and lead which are all related records

Custom metadata,Settings,Label:

**Interview 5:Shobana**CRM User - The CRM User, Sales User, and Service User permission set licenses let you track your org’s user license usage.

Have u got to know about recent cloud other than Sales and service cloud:

<https://webkul.com/blog/understanding-15-different-types-of-salesforce-cloud-services/>

which cloud helps the business to grow their revenues:Analytics cloud is powered by einstein analytics and tableu tool where it analyze the current trend ,areas of improvement and improve efficiency in the business using collected data

Prompt builder:Based on the input will provide the output like ChatGPT

A company using different CRM and want to migrate to SF:  
Check the business process – based on that choose the cloud which will be suitable  
Check for edition will be suitable and then migrate the data from one system to another

Salesforce to salesforce connect:

Validation or record triggered flow:  
Phone Number field – After entering 11 the digit should fire 🡪Validation rule  
Phone Number field – Change in number create task 🡪Record triggered flow  
Which will get triggered first?Before record triggered will be executed and then validation rule  
Have duplicate rule on the same field?  
[**https://www.salesforceben.com/learn-salesforce-order-of-execution/**](https://www.salesforceben.com/learn-salesforce-order-of-execution/)

Record triggered flow  
Validation rule  
duplicate rule

Give example of system validation rule?

User A and User B creates a record and should get approved from manager and both are submitting a record?What will be the process?

Auto approval:

Blood Donor profile – read🡪Can read his record  
OWD🡪public read/write 🡪Can only read his own/others record  
if profile🡪view all🡪Can see all records

If want to use multiple flows in a single flow:In a parent flow multiple subflow can be called..we can create a separate subflow as an utility for separate business logic and can add it to the parent flow

Can screen flow can be a sub flow:Yes

Flow orchestration:is a tool which has a multi stage flows for multi user like sequential execution of process

Create a report for blood donor we couldn’t see the object in the report type y?Should give allow reports while creating the object

Types of reports:

Opportunity and related products and provide top selling product:Joined report with group by rows

In an election which age group has more votes:Summary report

Custom Settings and Custom metadata::

What are the field can be created in custom metadata:Data,Text,Number,Url,lookup

Relationship filed in metadata:Lookup

Governor limits and best practices in flows:

Invoice object whenever it is overdued send a notification to manager:

purchase object with multiple invoices(Object) ,only when all the invoices are paid closed checkbox should be checked when insert and update

trigger invoiceTrigger on Invoice\_\_c(after insert,after update){

invoiceTriggerHandler obj=new invoiceTriggerHandler();

obj.doAction();}

public class invoiceTriggerHandler(){

public invoiceTriggerHandler(){

}

Public void checkClosed(){

Set<Id>purchaseIds=Set<Id>();

For(Invoice\_\_c rec:triggerNew){

If(record.paid\_\_c==TRUE){

purchaseIds.add(rec.purchaseID);

}}

If(!purchaseIds.isEmprty()){

List<purchase\_c>purchase=[Select Id,IsClosed,(Select Id,Paid\_\_c From Invoices\_\_r) From purchase\_c Where Id=: purchaseIds];

List<purchase\_c>purchasetoUpdate=new List<purchase\_c>();

for(purchase\_c rec: purchase){

checkClosed=0;

for(Invoice\_\_c in:rec.Invoices\_\_r){

if(in. Paid\_\_c==’NO’){

checkClosed++;}}

if(checkClosed>0){

purchasetoUpdate.add(new purchase\_c(Id=rec.Id, IsClosed=FALSE);

}

Else{

purchasetoUpdate.add(new purchase\_c(Id=rec.Id, IsClosed=TRUE);

}

If(!purchasetoUpdate.isEmpty()){

Update purchasetoUpdate;}

when we try to update parent id that is not available in org salesforce .what exception? Field integrity exception/ INVALID\_FIELD exception

In what kind of scenario DML exception:

First exception: **Required Field Missing**

Recursive trigger:

Data loader uses which API:Soap API

Bulk Api:

SOQL and SOSL:

Batch and Queueable:

Diff b/w lwc and Aura:

**Interview 6:Priya**

Best Practices in triggers:

If a feedback is created select reopen case checkbox as true related case status updated to new  
public void updateCaseStatus(){

For(feedback\_\_C fb:feedback\_\_c){

Set<id>caseId=new Set<Id>();

If(fb.reopen\_Case\_\_c==TRUE && fb.CaseId!=NULL){

If(trigger.isUpdate){

If(fb.reopen\_Case\_\_c!=trigger.Oldmap.get(fb.Id).reopen\_Case\_\_c){

caseId.add(fb.CaseId);}

else{ caseId.add(fb.CaseId);}}

List<Case>caseList=[Select Id,Status From Case Where Id IN:caseId];

For(Case rec:caseList){

Rec.Status==’New’;}

If(!caseList.isEmpty){

update caseList;}

SOQL 101 error:

Query Accounts from this month:

List<Account>accList=[Select Id,CreatedDate From Account Where CreatedDate=THIS\_MONTH];

SOSL

Find ‘SRUTHI’ OR ‘PRIYA’ IN NAME Fields RETURNING Account(Id,Name),Contact(Id,Name)

Batch class:

Shadow DOM:It’s an web components standard where it encapsulates the inner working styles,behaviour of the component hidden and does not get affected by external scripts or style.LWC uses synthetic shadow dom  
It’s a dom structure it protects the component from executing from other js,css file executing from the page.Since native shadow dom is not supported it is using synthetic shadow dom

Parent-child component:

Why we go for LWC over Aura? LWC is supported in multiple browser and uses latest js file and Aura also uses react Js for Ui which is not in LWC

One way or two way binding in LWC:Yes

List of account or contacts which is created this year display 4 columns in a table format,New button above the table should popup window to create a new account,checkbox in column and delete the records

In flow lead conversion custom button – convert it into account,contact and opportunity

How u capture current page errors in LWC component:Using showtoast event in the catch block/current page error or current page function

Freeze or inactive user:

Allow user to reset password in 2 months:Using password policies  
if user resets the password and unable to login:check login hours,login ip range,login history

Can I able to set multiple business hours:

Can we create multiple holiday calendar:J

Export and Export all in data loader:

If we delete a record how many days will it be in recycle bin:15 days

If we want to delete a record and should not be in recycle bin:Hard delete in Data loader

Rollup summary function:Count,sum,min,max

Aggregate result functions:count,sum,min,max,Avg

Custom setting and Custom metadata

A field = true then display B field 🡪Component visibility/Dynamic forms using lightning pages

Display diff fields in related list:In Page layout we can add

Compact layout:When mouse is hover over on any field on the highlights panel then it displays the keyfields

Can we schedule export records:Yes

In data loader:No

Apex sharing:

Max limit of sharing rules: The default limit for sharing rules per object is 300

**Interview 7: Priya**

Data modelling:

Types of relationship:

How wil u make one to one relationship in lookup relationship:Using triggers or flows

Blood req one is parent and another is child if that patient is creating any further request then it should be added in the parent blood req .which relationship we can choose? Master-detail will be more suitable

There are 4 child and 3 child deleted and while deleting the 4th child then the master record also should be deleted:Triggers or flow

Create a MD relationship for obj A to obj B some 20 records in obj A Can we create:we can create a lookup and add the parent rec for all the rec and convert into master detail

Freeze and Inactive:

Can we assign more than one profile to user:Each user should have one profile but one profile have many user

Assigned permission set but need to work on mon to fri not on weekends:While assigning users we can set the monthly,daily or weekly or custom date also we can assign.

For role A we have 3 permission set and should be removed if user moved from role A to role B:is it possible thro flows: permission set assignment object

Export and Export all:

If u deleted record how many days will be in recycle bin:15 days

How u will capture exception:try catch block/flow-fault path

Can we able to control visibility of flows:while assigning an component flow we can set the component visibility based upon criteria

What are the controls in lightning record pages:

Sales cloud and service cloud:

Entitlements and milestones:

Knowledge article:

Can we schedule export data :Yes

Is it possible thro schedule data loader:No

Can we schedule report:Yes

Dynamic report:

Report type:

Max objects in report type: After you've selected your Primary object, you can then select up to three additional objects (for a maximum total of four)

In flows can we do action on unrelated object:When acc is created then create a blood donor also:Yes

Process builder:No

A🡪b b🡪D D and c same c not b but above b

**Interview 8:Vijit - KAVITHA**

MVC Architecture:Model(Database) – View(VF/LWC) - Controller(Business logic)

Different editions:

In developer edition how many license are there:2

Types of license:

Governor limits:

Appexchange:

Managed and unmanaged package:  
Unmanaged Package:  
We can change the code  
Opensource and customizable  
We have to uninstall and install again

Managed Package:  
We cannot change the code  
With high security and locked  
Automatically updated

<https://trailhead.salesforce.com/trailblazer-community/feed/0D54S00000A81BFSAZ>

Types of relationship:

Examples of many to many in std objects:

MD to lookup/lookup to MD:

Controlled by parent:

When MD to lookup then what will be owd for child record:Public read/write

Security Model:

Workbench:It is a web based tool for data management activities like bulk record updates,mass deletion,mass creation and uses force.com APIs for data transfer from salesforce to workbench

Rest Api and SOAP API , Bulk Api: <https://www.saasguru.co/salesforce-api-types-and-integration/#:~:text=Types%20of%20Salesforce%20APIs&text=The%20primary%20ones%20include%20the,SOAP%20API%2C%20and%20Bulk%20API>

Rest API:  
Use HttpRequest  
Depends on REST architecture  
REST-Representational State Transfer  
Less Structured  
Transfer less volume of data  
Transport data in XML or JSON  
Ideal for mobile applications

SOAP API:  
Use WSDL Language  
Depends on SOAP protocol  
SOAP-Simple object access protocol  
Highly Structured  
Transfer large volume of data  
Transport data in XML  
Ideal for large enterprise applications

Json function:serialization and deserialization

Objects in Salesforce:

Latest features in flow:  
Action element  
Unlimited pauses  
Transform  
Repeater component  
Check duplication before

Rollback element in flow: **All pending operations in the current transaction will be rolled back** on adding Roll Back element to a fault connector

sObject/Object:  The term 'object' in Salesforce generally refers to entities that are used to store data, while 'Salesforce sObject' is a more specific term.  
<https://trailhead.salesforce.com/trailblazer-community/feed/0D54V00007T4DukSAF>

OOPS in Apex:  
Inheritance, Polymorphism, Encapsulation and Abstraction

With sharing/without sharing:

SOQL/SOSL:

Insert/Database.Insert:

Dynamic SOQL:

Dynamic Dashboard:

Private method should be visible for test classes: @TestVisible

Org data for test class:@isTest(seeAllData=True)

Start test/Stop test:

Can u chain a batch apex:we can chain batch apex from the finish method upto 5

Queueable Apex:

System.enqueuejob:Calling queueable class and returns jobId

Deployment tools: <https://www.saasguru.co/salesforce-deployment-tools/>  
Change Set  
Ant Migration tool  
Vs Code

Custom Label:  
It is used to store single value and support multilingual text  
Accessible by test class  
Can deploy with data  
Can be used for validation rule  
Cannot have lookup relationship  
No SOQL required  
Limit:500

Custom Setting:  
It has two setting  
Hierarchial:Can assign values based on profile/user  
List:Stores value in a list and display it in picklist or lookup format  
Can be deployed but not with data   
Not accessible in test need to create  
Can be used in validation rule  
Limit:3000 for managed package,400 for unmanaged package  
Cannot have lookup relationship  
No SOQL required

Custom Metadata:  
It stores multiple values  
Have separate page layout  
Can retrieve record from SOQL or using getInstance class  
Can be deployed with data  
Can be accessible by test class  
Can have a lookup relationship with other records  
Cannot be used in validation rule  
Limit:200

Flow vs Apex Trigger:  
Flow:  
To build automation on DML Operation with low code or no code  
Maintenance is difficult  
For simple business logic  
For processing less number of records  
Consumes more CPU time

Apex Trigger:  
Build automation for DML operation with code  
For complex business scenario  
For processing large number of records  
Consumes less CPU time  
Maintenance is difficult

Aura vs LWC:  
Aura:  
It uses an UI framework to build compenent  
Cannot be used in LWC  
Takes time to build and deliver  
Salesforce platform dependent  
Supports Ecma script 5 and 6  
Application event is used for connecting independent component

LWC:  
Its an opensource and doesn’t have any framework  
Can be included in Aura  
Component can be created in web and mobile apps and also in salesforce  
It supports the recent ecma script 6,7,8  
Use vs code editor  
Fast delivery and deployment

**Interview 9:Shobana**

Ai and Data cloud:

Update an object two user updating a same field:Collision detect error occurs

In flows which will execute decision element or formula:Decision element, formula, assignment 🡺 Formula then assignment

In flow do we have null pointer exception:

Do everyone can create a report in salesforce:No the user provided with permission by sys admin only can create a salesforce or in the profile level we should give access

What is run in report?will load the data with filter condition grouping.

What is the purpose of running the reports:For the UI perspective

Manager needs a fresh set of data in report and receive it as an email:Subscribe and schedule daily/weekly/monthly and select the recipient as manager and can also choose a report dynamic option like me or another person

Is it possible to export the report from report builder:yes we can export

Escalation rule/Validation rule/Before rec trigg flow which will fire first: Before rec trigg flow/ Validation rule/ Escalation rule

Updation in both Before rec trigg flow and Before rec trigg which will execute first:flow then trigger

System Validation:Default required field /Email format

Trying to create a report but could not find in report type:Should check allow reports

Report type:It is a template where it defines object,fields and its relationship in reports  
Two types  
Standard report type:Automatically created for standard and custom objects wen created  
Custom report type:Customize the report type based on the requirement

Advantage of having master detail relationship:

If an account is having 2 contact then it should not have 3 contact:

Dynamic SOQL:

Benefits of using map:

Is it possible to update the another in the before event of trigger:If an account is deleted prevent its contact from deleting in MD relationship

Retrieve all accounts along with the opp and the products of each opportunities

In a batch how u handle error:Datbase.raisesplatformevents,Database.stateful

if two queueable job is called at a time: [System.LimitException: Too many queueable jobs](https://trailhead.salesforce.com/trailblazer-community/feed/0D54V00007T4095SAB)

First exception with row 0:During DML operation when we failed to specify any require field

Field integrity exception: This error generally occurs when you are using a data loader tool to do data migration and you attempt to insert the wrong object ID in destination record’s lookup field

Flow orchestration:

When deleting a record to do a hard delete.Is it possible?Using Database.emptyrecyclebin

When u are deleting the records in batch how we can get the error for unsuccessful:

**Interview 10:Nagarajan**

CRM:

Different types of cloud:

What license do u need for experience cloud: You must have an active community license

Limit of custom objects created in SF:3000  
Developer: 100

when the user submit the record for approval is it possible to edit the record:No we cannot edit the record and it will be locked

I have setup an multip approval process on Opportunity. When a record is submitted for approval, 1st approval process kicks in and lock the record. when the approver approves the record it goes to 2nd level approval(different approval process). When approver rejects it goes to back to owner of the record.

 The problem I am facing, in the first approval when a user tries to make the changes to the record it will throw an error currently record is locked. when record goes to 2nd level approval( different approval process) although the record is locked user is able to make the changes.

 I understand user can edit the locked record if they have modify all permissions, but this is unchecked.

**In your Approval Process settings, set the 'Record Editability'  to Administrators ONLY can edit records during the approval process.**

After approving the record should not allow the user to edit the record:In the final approval action we can select the lock the record from editing

Types of object:

Custom fields per object:500

Standard fields created:Auto number or name/owner/created date/modified date

Difference between SystemModStamp and LastModifiedDate: 'LastModifiedDate' is the date and time when a record was last modified by a User, and 'SystemModstamp' is the date and time when a record was last modified by a User **or by an automated process (such as a trigger.)** In this context, 'trigger' refers to Salesforce code that runs to implement standard functionality, rather than an 'Apex trigger.'

Field indexing:

* Primary keys (ID, Name, and Owner fields).
* Foreign keys (lookup or master-detail relationship fields).
* Audit dates (such as SystemModStamp).
* Custom fields marked as External ID or Unique.

Compound Field:Is a combination of one or more field ,address in the account give state ,city,address all in separate but stores all in same field

Trying to delete a field from an object but org is not allowing:May be referenced in some objects,validation ,triggers

In account object custom field – total no of contact ,new contact with phone number not blank count and display – Flows

External object and what is needed?External object is an object from the external system and it is needed when we need to connect with salesforce org

We create an external relationship with the external object from sObject:There are 2 types:  
External lookup:Parent – External Child – Internal,when external object creates a standard Id   
indirect lookup:parent – internal,Child – external, creates a custom field and marks as an external Id

Naming convention:externalObject\_\_x

From where we create external object: In Setup, in the Quick Find Box

Types of relationship:

What is cascade delete:

Can we achieve using lookup relationship:Using flow

Is after delete possible in flow:No, we cannot use after delete only achieve by before delete

I have a MD relationship b/w 2 object if I am deleting detail record will parent record gets deleted:No parent wont be deleted

Can we restore the detailed record:Yes from recycle bin

If we delete the parent record then:the detail record will not be available in the recycle bin

I am trying to restore the parent record:we cant restore since the detail record is not available in the recycle bin

I am deleting the master record and has 3 detail record:Then the detail record gets deleted will b available in bin and can be restored individually and also restored when the master record is restored

Stop deleting an opportunity when it is closed won:Thro validation rules

Is it possible in flows:

Relationship b/w 2 object owner field is not available in one object:When there is md relationship then the detail object wont have the owner field since it is controlled by parent

Any other features in controlled by parent:If the parent record is shared then the child record is also shared

Trying to share master record but don’t have access to detail record in profile then is it possible to see the detail record:we cannot see the record/we cannot do separate sharing access to child record since it is controlled by parent in owd

Implicit sharing:sharing settings pre built in salesforce which is not explicitly set by sys admin

* **Parent Implicit Sharing**: If you have access to an account’s child record, you have implicit **Read Only** access to that account,
* **Child Implicit Sharing**: If you have access to a parent account, you have access to the associated child records.

Share Objects:Using share object we can provide record level sharing access to the user

After assigning share object access will it be reflected in owd:

Queue:

Public groups:

Queues are typically used when you want to assign a record to a bunch of users.With the help of queues you can assign a record to multiple users (using queues) so that any member of the queue can work on the record. It also allows the users to have there seperate views.

Group on the other hand are used more for a sharing purpose. They are not the owner of the records (like queue) but can share the records (in terms of access)

Customer portal user and partner user:

Am creating web to lead form when a lead is created from web then how we can identify whether it is created from web:  
We need to add below line in the HTML generator code

<Input type= hidden input=lead\_source value = 'web'> </Input>

During lead conversion don’t want to fire validation rule: In the lead setting an option

Lead becomes an account,contact and opportunity is it possible to find whether it is converted: After the lead is converted you would still have the original lead information. If you want to view it inside a lead report you need to add the filter Converted = true.

Can we do a custom field mapping from lead to std field in account: unfortunately you can't map with custom Lead field to the standard fields in any of the object (Account/Contact/Opportunity) during lead process including if the data type is similar

Campaign object:

Quote sync in sales cloud: Quote syncing is a dynamic function of CPQ (configure, price, quote) that lets you connect a sales quote to its corresponding Opportunity and synchronize updates between them. Each Opportunity can have multiple quotes, but only one quote can be synced at a time

What is the purpose of syncing opportunity with quotes?Upon syncing a Quote with an Opportunity, the Opportunity's value and Products will be replaced. The Opportunity's Value field will no longer be editable manually. Instead, the Opportunity value will be updated automatically based on the Quote it is synced with.

I have 5 products in the quote and changing one of the product price and now doing quote sync:what happens!

Case escalation :When the high priority case is not resolved in the certain period of time then the case is escalated to other user

When a case is created and the case should be closed within 2 days its created on Friday and will it be escalated on Monday:we can set business hours in case rule entry

In business hour do we have option for marking holidays:Yes we can

**Creating a case from web to case form how salesforce will identify the record:**

As a business want to remove all cases with wrong email Id:

Whenever a lead created status should be changed in 2 hours otherwise we have to send an email:In record triggered flow schedule flow/we can check it in time based workflow whether it is scheduled

Bucket field:Datatypes

Want to stop all user except a single user for data loader:in profile level we can uncheck Api Enabled

Want to create a salesforce user what are the consideration:Check license -Salesforce/platform license,Profile,Role

What are the std objects not accessible in platform license:Campaign,Lead,Case,Opportunity

Data Skew:is a situation when multiple records are assigned with single owner or parent which leads to imbalanced distribution of data result in performance issue  
Three types:  
Account Skew:When an account has more than 10000 records  
Lookup Skew: When a parent assigned with more than 10000 records  
User Skew: When an user is assigned with more than 10000 records  
It can be avoided by proper distribution of data

**Interview 11:Nagarajan**

Company without sw and recommend them about SF:

Multitenant architecture:

Salesforce Instance: An Org is your specific organization's data and meta data. Salesforce has multiple orgs residing on the same instance. Your data is itself contained within your org which can share the same instance as hundreds or even thousands of other orgs

How we can see Instance:Setup->Company information(Instance)

User Licenses:  
Salesforce,Platform user license,Expérience cloud,marketing cloud,Flow user license,chatter user,Salesforce integration,Service cloud,Force.com user

Why trainees are activating one user license by deactivating other license:In developer edition salesforce license will be used only for 2 user so sys admin and other user can access it

Does platform license support opportunity object:No  
It supports account,contact and other custom object

Is it possible to delete an user from SF:No we cannot delete but we can make it as inactive or freeze.

If a sales rep left the company:we have to deactivate

If rep follows 20 leads rep and he left the company.What will happen to the ownership:mass transfer in quick find box

when the lead assignment will fire: Assignment rules only trigger at the creation stage of a Lead

use of queue:

what way queue helpful for a business:

when a lead is generated with picklist web assigned to a queue.Can we achieve it thro flows:Yes but it needs DML Operation

When the business will generally use queue:

Record assigned to the queue how ull notify queue:In the lead assignment rule we can set an email template

What will be the from address:noreply

Bypass the validation rule in lead conversion:From lead settings

Need to identify an account is directly created or thro lead conversion:With reports we can view all the data in the lead by choosing isConverted=True there is a template lead with converted

Types of objects:

Need to identify a profile whether it is a standard profile or custom profile

In the blood donor and blood request

Max fields created in object :500

Record Name field:

is it possible to reset auto number salesforce:we have to change the datatype to text and then to auto number

Can I have duplicates in auto number field:Yes

Have 5 records in which BD-003 is missing,need to create in 003 how we can achieve?By changing the datatype we can initialize as 003

Polymorphic field:one lookup related to multiple object Ex:Case – what Id related to Acc,Opp WhoId-Contact,Lead

Is it possible to create custom field in task object:Yes we have to create event and task in activity object and assign layout

In lead we have last activity date in AJSD case study:

When Last activity date will populate:When we create a task and make the task completed then the it will populate

Self relationship:

Other than campaign which object has self relationship:Account,Product

Diff b/w self lookup and hierarchial :

Is it possible to create a md in user object:No

Is it possible to create custom fields in user object:

Owd controlled by parent:

User doesn’t have access to detail in profile sharing master record.Will it succeed?Yes if the user can have profile access to master can access master but not child

MD relationship b/w 2 object,Master is deleted Child record?also gets deleted

What rec will be in recycle bin?master rec will be available in bin,child rec wont be available in bin

When restoring master with child also restored.

We delete a detail record first:detail rec will be available in recycle bin

And then master rec deleted.what will happen to detail record? detail rec wont be available in recycle bin and when restoring master rec child rec wont be restored

Sales rep not able to see the account tab:tab setting in profile

Default external excess in owd:The sharing access for external users like site and portal user

External access can be set higher than internal access?No external can be equal or restrictive

2 objects in a relationship child object owner field is missing:Could b in a md relationship

Is it possible to create a formula field and show owner name in detail record:Yes we can get ref from master owner(Name)

Is role mandatory:No

In which scenario we will assign a role:

Apex sharing:

How many fields can be added to a list view:15

Diff b/w auto launched flow and sub flow:

When the lead gets created within 2 hrs should change from lead status if not should send custom notification:Scheduled path in record triggered flow

Scheduled path will run in async mode:Yes

What type of record trigg flow:After/Why?

Scheduled path will be available in before or after rec trigg flow:Only in after rec trigg flow

Is it possible to select single flow for both before and after:No

Can we add separate logic for create and update in single flow:IsNew() in the formula to decide created

Have 60000 rec in account SOQL to query all rec:It will break

To avoid break:Use limit in SOQL

Where and Having:Where is used to retrieve the records as mentioned ,Having clause is used to filter rec based on agg function

In agg result not returning any rows how we will identify:May be in where condition the rec is not available

Want to print all account name who have atleast one opportunity as closed won:  
List<Account>accList=[Select Name From Account WHERE Id In (Select AccountId From Opportunity Where AccountId!=NULL AND StageName='Closed Won')];  
System.debug(accList);

Is it possible to do callouts in batch apex:Yes by implementing Database.Allowcallouts

Is it possible to call future method from execute:No

I have written a batch apex and while running already uncommited transactions are pending:Http callouts should be before DML operations so we have to collect all the records in a list and then do DML operation

5 batches running – 1st batch exception :remaining 4 batch will run

Apex insert vs Database.Insert :

If database.getQuerylocator returns 0 record,finish method will execute:Yes

If database.getQuerylocator returns 0 record,do execute method will execute:No will not execute

Diff b/w Splice and slice:

Spread operator: The JavaScript spread operator (...) allows us to quickly copy all or part of an existing array or object into another array or object. The JavaScript spread operator (...) expands an iterable (like an array) into more elements.

Object destructuring:is used to extract values from an array and bind them to the variable

to pass data from child to parent component:Create and dispatch a custom event

Life cycle hooks:

When u have to use constructor and connected call back:if want to fetch data from apex,write event listeners then can be done in connected callback,In constructor one time initialization

Build a component and should be available in flows:Assign lightning flow screen in target in meta xml file

Diff b/w target and target config:  
Target supports page type where we can assign the component like app page,home page and record page  
Target config supports attributes like action type-Screen action and action that can be assigned for quick action,configuration editor-can be assigned only when using flow action and targets

Event bubbling:event triggered in the innermost Dom element and propagate upto the parent element(Outermost element) does not cross the shadow dom

Is it possible to event bubbling phase to cross the shadow dom:if composed=true

How 2 independent components communicate with each other in LWC:Thro LMS where one component can publish the message in the channel and other will subscribe and use it

Can we use platform event for this:

User is not allowed to change the child opp stage or amount,only sys admin is allowed  
public void restrictUser(){

For(Opportunity opp:TriggerNew){

Map<Id,Id>UserId=new Map<Id,Id>();

If(opp.AccountId!=NULL && triggerOldMap.get(opp.id).stageName==’Closed Won’){

if(opp.StageName!=triggerOldMap.get(opp.Id).StageName || opp.Amount!= triggerOldMap.get(opp.Id). Amount){

UserId.add(opp.Id,UserInfo.getProfileId());}}

**Interview 12: Nagarajan**

What type of salesforce edition will you suggest for migrating into salesforce:

Can I use Sales cloud in starter license:

Different user license: **https://www.apexhours.com/salesforce-licenses/**

difference between permission set and permission set license: A permission set is a convenient way to assign users specific settings and permissions to use various tools and functions. Permission set licenses incrementally entitle users to access features that are not included in their user licenses. Users can be assigned any number of permission set licenses.

Object:

Limit of object creation:Developer-400

Limitations storing number of data in salesforce: <https://help.salesforce.com/s/articleView?id=sf.overview_storage.htm&type=5>

Limits of creating fields in custom object:500 fields

If we want to use more than 500 fields in custom object:

If we delete a field is it possible to restore:

Deleting a field but not allowing to delete:It can be referenced in the flow,formula or trigger have some dependency,validation

Field indexing:

In the child object could see the ownerId:

We cannot share the child object

Primary master is shared do sec master also shared:

Can we make secondary master as primary master:

Restrict user to do reparenting:

Diff ways a rec can be shared:

Sharing recalculation:

Rowcause:

Rowcause datatype:Picklist

Web to lead form send thro watsapp and then thro system it is trying to create lead,How SF will identify in which org we have to create?In web to lead form we have the org Id

Randomly generating the lead and some unwanted datas are generated.How ull make sure of data quality:

Req in lead obj:Lead Name,Company name,Status

Diff ways of making a field required:

Fire validation rule for some set of users:Using Custom permissions we can bypass the validation rule and at profile level

Diff b/w permission set and custom permission:

Is it possible to custom field from lead to account :Custom field to custom field

Case assignment rule:

If the user is deactivated then the user still exist in queue:

If the user still exist u need to write a code or automation to remove inactive user:

To change the ownership of inactive user record:

Trying to create an acc rec meanwhile lead conversion process also there and how to identify:

Private in opportunity:

Implicit sharing:

Is it possible to update same record in scheduled path:No since it is after record triggered flow

If we don’t have the field level access to particular field and when we create a data from data loader then will it throw error?We cannot map the field since it wont be available for mapping . Any fields not added to a page layout will not show up in Data Loader for mapping. All the fields must be added to any of the page layouts for mapping.

data loader works in system context mode or user mode?

Diff apex security method: <https://www.apexhours.com/security-in-salesforce/#user-mode-vs-system-mode>

System.FinalException: Record is read-only ” error come when you are trying to edit a Trigger

Error - 'You have uncommitted work pending. Please commit or rollback before calling out': You cannot perform a DML operation prior to a callout. All the DML operations should be invoked only after you are done with callouts. So, make a webservice callout first and then save the request.

If you are making multiple callouts, then save all the requests in a list or map and post callouts you save them.

Database.RaisesPlatformEvents:

When we use try catch inside batch apex.will it be available in Database.RaisesPlatformEvents:No

When we use Database.Saveresult inside batch apex.will it be available in Database.RaisesPlatformEvents:No,Database.error will get the error

Have rec Id which obj will it belongs to:

Custom metadata:

Stack Depth in Queueable:2

Diff b/w splice and slice:

Array Destructuring:Shallow copy

Return type of filter method:Array since filter out the array

Created LWC Component and should be reused in multiple pages with display text dynamically:  
@api for variable  
Target config :public value

In parent child composition,parent will override child component:

**Interview 13:Nagarajan**

two rep A and B,A should edit the annual revue but B should not:Profile FLS restrict and give permission to A thro permission set

while converting a lead account should not be created if it has already an account but lead should be converted: https://developer.salesforce.com/docs/atlas.en-us.apexref.meta/apexref/apex\_dml\_convertLead.htm

LWC Component should be available in desktop and not in mobile:  
<targetConfigs>

        <targetConfig targets="lightning\_\_RecordPage">

            <supportedFormFactors>

                <supportedFormFactor type="Small" />

                <supportedFormFactor type="Large" />

            </supportedFormFactors>

        </targetConfig>

</targetConfigs>

<https://salesforce.stackexchange.com/questions/315798/can-i-know-lightning-component-run-at-desktop-or-mobile>

Custom Exception:

Is it possible to create a std price book inside test class: <https://medium.com/nullsegment/standard-pricebook-in-salesforce-test-classes-weirdsalesforce-63dff6fcd488>  
Test.getStandardPricebookId();

**Interview 14:Shobana**

Advantage of LWC over Aura:

File Structure in LWC:Html,Js,Xml,we can add additional js and html file in a single bundle but one css file is allowed

Async await and promise:   
Async/await is used for asynchronous calls and avoid if then and nested loop statement and reduce the line of code compared to promise function where async function returns a promise while await function wait for a promise  
Promise is an object returns value in future when we have a promise inside a function it will return a value whether data or error

Three states for promise function: pending: the promise is still in the works. fulfilled: the promise resolves successfully and returns a value. rejected: the promise fails with an error

Promise.any vs Promse.race: https://www.geeksforgeeks.org/how-does-promise-any-method-differs-from-promise-race-method-in-javascript/

event handlers in javascript:Functions used to handle the events

From the JS file we have to manipulate the DOM element,like creating checkbox during runtime:We can manipulate the DOM element thro rendered callback function

QuerySelector and QuerySelectorAll:is used to select multiple elements from the DOM tree.get values from html to Js without binding

Template looping:for each /for:item

Template iterator:is used to identify the first and last element in an array

Pass an array of objects to other component:Parent to child component

Parameters inside a custom event:detail,bubbles,composed

Bubble and Capture: With bubbling, the event is first captured and handled by the innermost element and then propagated to outer elements.  
With capturing, the event is first captured by the outermost element and propagated to the inner elements.

Bubbles and Composed: If the 'bubbles' property is set to true it means the component is enabled to bubble up through the DOM which is by default the 'bubbles; property is set to 'false'. If the 'composed' property is set to 'true', it means the event is allowed to pass through the 'shadow boundary' which is also set to 'false' by default

what makes the bubble to respond to all events in each component from the custom event:

do we have capture phase in lwc:

What are the two types of events in LWC:Component event and application event

Publish and Subscribe=>Lightning messaging services

Deployment tools:

Change set is an integration application tool in salesforce

Wrapper class: Wrapper classes are particularly useful when displaying related data, such as parent and child records, in a single Visualforce page.

REST API and SOAP API:  
API is an application programming interface when an external application communicates with salesforce org then api act as an mediator  
SOAP API is a default in salesforce which will use communicate using xml format  
REST API use httpRequest to communicate  
In Data loader SOAP API is used

Bulk API:When we want to process large volume of records in data loader.There is an option to enable BULK API where the batch size will change from 200 to 2000.

Which is most restricted API: <https://www.boltic.io/blog/rest-vs-soap>  
<https://linkedin.com/advice/0/what-pros-cons-soap-rest-security-performance>

Diff b/w last activity and last modified date:

Which permission do user in profile should have for creating approval process:

**Interview 15:Shobana**

Motive of Salesforce:Low code or no code ,developing an application in declarative way

Recent upgradation in flows:

Change background of model screen or include css thro flow:

If there is no specific component in flows but should be achieved in flow:Appxchange

Cloud products:Sales.Service,Experience,Marketing,Ecommerce,Analytics

Chatter free license:Internal communication can be done,

Which category of people:Sales rep

2 users each user wants to access each others rec:Sharing ruled – based on owner

Record type ,out of 2 user with same profile only one user can assign with one record type:Thro permission set we can assign record type and assign it to the user

Group of user in profile 1 and profile 2,profile 2 user should access profile 1:Sharing rules can assign

When u delete a opp product will it be seen in recycle bin:

Recursive trigger:

SOQL:  
List<Account>accList=[Select Id,(Select Id,(Select Id,Status From project\_tasks\_\_r Where Status==’Incomplete) From projects\_\_r)From Account];

Dataloader:

Salesforce Bulk APIs are based on REST principles

<https://developer.salesforce.com/docs/atlas.en-us.api_asynch.meta/api_asynch/bulk_common_diff_two_versions.htm>

Exporting:Data export,Export in Data loader

Diff: Data Export' meny in setup? If so, data loader gives you the ability to select which fields needs to be exported and you can also set some criteria on the rows that will be exported. 'Data Export' only lets you export all the records for a specific object. You could also use reports to export data.

Can we schedule export in data loader:Using dataloader.io

@future and Queueable:

Can we invoke a future method from flow:

Event bubbling:propagates upward until it finds a shadow root,if composed:true then propagates beyond shadow boundary,not a good practice..if we want to stop we can use event.StopPropagation

Advantage of shadowDOm:Shadow Dom ,if we place component in a browser other component should not affect our component,more like a protection,our CSS and JS should not affect other css and js and vice versa,it is more like a boundary protect the component

Convert string into array of strings: str.split('');

Is it possible to spread an object into array:

Deep copy methods: **The spread operator makes deep copies of data if the data is not nested.**When you have nested data in an array or object the spread operator will create a deep copy of the top most data and a shallow copy of the nested data.

The first way to make a deep copy of an object in JavaScript is converting it to a JSON string by using JSON. stringify() method, and then reverting it back to object with JSON. parse(). This way we receive a completely new object with no shared references with the source object.

Object array

Which lifecycle hook is needed to initialize the resources:Connected call back

a typical wire service lifecycle would look like this:-

1. The constructor is executed first.
2. Next, the wire provisions an empty object where both **{data, error}** are undefined.
3. Then, the connectedCallback function is called.
4. Following the connectedCallback, the render function is invoked.
5. After rendering, the renderedCallback function is triggered.
6. the wire provisions the results obtained from the server (Apex).

Once component is disconnected from Dom what backend actitivity will happen?what are the best practice?component will be removed,if subscribed we can unsubscribe in and we can clear resources in disconnected callback

Promise function:It will return resolved or rejected and it is asynchronous way.Three states:pending,fulfilled and rejected,uses .then to get data and .catch to return the error

Can we nest the promise:

Copado:built on salesforce ,interconnected with github,code will be stored in github ,implementing agile

**Interview 16:Shobana – Sathya**

Which is more important features in salesforce:

How will u protect org from phishing attack and external threats:In org level-Set login ip ranges,password policies,MFA

Dataloader to safeguard all the data:

Insaide salesforce how we can export the data:Data export and also we can schedule

Validation rule :len(PhoneNumber)=10:

Order of execution:validation rule,after record triggered flow:validation error

If have to restrict the no of user to a particular field:Using permission set,we can restrict the field access in the fls and provide permission set to provide visibility to access the fiel for the user who needs access for the field

maximum users in permission set salesforce:1000 users

How many objects we can create in salesforce:400 – Developer

If object have limit then the classes in apex takes up the memory space:

Wrapper class:

Types of flow:

When the oli quantity >2000 have to create a task after 30 mins,sys admin receive email:Schedule path in record triggered flow

Invoke flow from apex:auto launched flow

Types of relationship:

Salesforce community object and members what types of relationship:many to many

Opp object value >100000 cannot be closed won without approval from senior manager:we will be creatin a field for status using

Types of report:

Create a report – Opportunity with atleast one product:Using cross filter

Cross filter:

Profile and role:

Can u Delete a user:

Sandbox:

Unique field and duplicate rule:Unique and duplicate rule

Recursive trigger:

Maximum Stack depth:16

Make a callout from trigger:with future method

Make a property reactive:@track

Primitive are automatically reactive:Yes

Shadow dom:

Two different component – communicate:Lightning messaging service

* Lightning data services:  
  **lightning-record-form**: A form with standard lightning UI to create, view or edit a record
* **lightning-record-edit-form**: A form to create record with specified fields or update fields in an existing record
* **lightning-record-view-form**: A form to display specific fields data of a record in read-only mode

@wire Adapter:

How will u get record.Id automatically from the page:@api record.Id

Advantages of LWC: Reusability ,built and deliver fast, Single web page service, Server round trip is reduced, efficiency is improved

Rest and SOAP:

**Interview 17:Shobana – Deepa**

Devops:Tools:Copado,github,CI/CD

Amount to a annual revenue >10000 another field should be visible:Dynamic form

Last activity date:

Deploy the screen flow in production,what mode will it execute? <https://help.salesforce.com/s/articleView?id=release-notes.rn_forcecom_flow_fbuilder_system_mode.htm&release=224&type=5>

Apex with sharing and without sharing:

Why do we need without sharing in apex: Use the without sharing keyword when declaring a class to ensure that the sharing rules for the current user are not enforced. For example, you can explicitly turn off sharing rule enforcement when a class is called from another class that is declared using with sharing.

SOQL should run in user mode:you can use the `WITH SECURITY\_ENFORCED` clause in SOQL to respect the object and field-level permissions of the running user

What is the difference between with User\_mode and with Security\_enforced?WITH USER\_MODE finds all FLS errors in your SOQL query, while WITH SECURITY ENFORCED finds only the first error. Further, in user mode, you can use the getInaccessibleFields() method on QueryException to examine the full set of access errors.

If you use WITH SECURITY\_ENFORCED, you'll get an exception thrown if any fields are not readable by the user, while with Security.stripInaccessible, you'll simply remove any values that the user shouldn't see.

recent update in soql for user permission salesforce:with USER\_MODE

If the opportunity close date is tomo and amount is greater than 1 lakh,stop the user from deleting the opp line item and also send the task to the opp owner

Trigger opportunityLineItemTrigger on OpportunityLineItem(Before Delete,after Delete){

opportinityLineItemTriggerHandler obj=new opportinityLineItemTrigger();

obj.doAction();}

public class opportinityLineItemTriggerHandler(){

List<OpportunityLineItem>triggerNew;

List<OpportunityLineItem>triggerOld;

Map <Id,OpportunityLineItem>triggerNewMap;

Map<Id,OpportunityLineItem>triggerOldMap;

Static List<Task>taskList=new List<Task>();

Public opportinityLineItemTriggerHandler(){

triggerNew =(List<OpportunityLineItem>)triggerNew;

triggerOld =(List<OpportunityLineItem>)triggerOld;

triggerNewMap =(Map <Id,OpportunityLineItem>)triggerNewMap;

triggerOldMap =(Map<Id,OpportunityLineItem>)triggerOldMap;}

public void doAction(){

Switch on Trigger.OperationType(){

WHEN BEFORE\_DELETE{

preventDeletion();

}

WHEN AFTER\_DELETE{

taskCreation();}}

Public void preventDeletion(){

Set<Id>oppId=new Set<Id>();

For(OpportunityLineItem rec:triggerOld){

If(rec.opportunityId!=NULL){

oppId.add(rec.opportunityId);}}

if(oppId.size()>0){

Map<Id,Opportuntiy>oppMap=[Select Id.CloseDate,Amount,OwnerId From Opportunity Where CloseDate=Tomorrow AND Amount>10000 AND Id=:oppId];

For(OpportunityLineItem rec:triggerOld){

If(oppMap.containsKey(rec.OpportunityId)){

Rec.addError(‘Cannot delete since the opportunity close date is tomorrow’);

Task taskrec=new Task();

taskrec.whatId=rec.OpportunityId;

taskrec.OwnerId= oppMap.get(rec.OpportunityId).OwnerId;

taskRec.Subject=’Prevented deletion of Opportunity Product’;

taskRec.description=’Trying to delete the Opportunity product’+rec.Id;

taskList.add(taskRec);}}

public void taskCreation(){

if(!taskList.isEmpty()){

insert taskList;}}

Stop recursion in triggers:

Two queues updating the same record:since run in separate thread will update

When same field is updated from UI and from the trigger:Concurrency - FOR UPDATE

batch apex in test class between test.starttest and test.stoptest:Inside will run in asynch and outside will in synch way: https://salesforce.stackexchange.com/questions/244791/how-do-i-test-asynchronous-apex

Will u invoke one batch from another batch: From finish method

How many batches can be chained:Only one from finish method and 5 can run concurrently

How many API request you can make: A single Apex transaction can make a maximum of 100 callouts to an HTTP request or an API call.

In Developer Edition orgs, you can only make up to 20 concurrent callouts to endpoints outside of your Salesforce org’s domain. This limit doesn’t apply to non-Developer Edition orgs.

<https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_callouts_timeouts.htm>

Update an acc rec – batch and data loader – Diff: <https://trailhead.salesforce.com/trailblazer-community/feed/0D54S00000A84FYSAZ>

Data loader run in SOAP API ,bulk api run in rest api mode

Postman:

Diff b/w lwc and aura:

Shadow dom:

Incorporate API to LWC: Fetch API

3 Phases of component:Mounting,Unmounting and error

Child component error:will be handled by errorcallback from parent

If it is not handled by both parent and child:Lightning run time environment

@wire:

Name=’Suruthi’;

arrName=Name.split(‘’);

const v=arrName.filter((x)=>x==a||x==e||x==i||x==o||x==u);

console.log(v);

Function hoisting:If we call a function before being declared

Sum(10,2);

Function sum(x,y){

Return x+y;  
}

instantiate child component js:template.is

var,let and const:

Wrapper class:

If we run the report will the report run based on user:I can see only my own records,Based on user

How will u share the report:

If we put a report in the private folder:It will not be accessible by others

If we put a report in the public folder: It will be accessible by others  
Will they run the report in public folder:According to user permission in profile level

Access in report folder:view,edit and manage

**Interview 18:-Shobana – Jereen Fathima**

Explain to a business owner to implement crm:

Focus on Marketing team – Salesforce product:Buy a Marketing cloud

What product in salesforce allow u to integrate with multiple system:Salesforce connect

If some user has modified changes in what object we can get:CaseHistory object

If an object is created history and share object is also created

Purchased set of leads which admin tools to use all leads inside the org:If it is lesser than 50000 records we can go with the data import wizard remove duplicates,more then go for data loader

When importing lead record which tool is used to assign lead assignment when imported:Data import wizard  
<https://www.salesforceben.com/introduction-to-the-data-import-wizard-for-salesforce/>

Clean up my dummy lead inserted in the org:Batch we can schedule or scheduled flow

Max and min batch size:1 min,default 200,max 2000

Write test class for batch – best practices:Test atleast more than 200 records,execute between test.starttest and test.stoptest

Want to execute private class in test:annotated with @testVisible

Why we cannot use the data inside the org with annotation@isTest(SeeAllData=true):Its not a good practice and Reason : While moving your code from one org to another org (Developer to Staging Integration to Production) ,there may be some sandboxes without data ,and your test classes with SeeAllData == true might fail there.

SOQL:Fetch opportunities and related pdts and also opp should be having one price book associated with opp  
List<opportunity>oppList=[Select Id,Name,(Select id,OpportunityId,Name From opportunityLineItems) From Opportunity Where Pricebook2Id IN: (Select Id From Pricebook)];

Get all account related contact which is not having cases  
List<Account>accList=[Select Id,Name(Select LastName from Contacts) From Account Where Id NOT In:(Select Accountid From Cases)];

How many subqueries in soql:5 subqueries

Polymorphic field in soql:

What events are not available in flows:after delete,undelete

Particular tab is not available:Check the tab setting and in the profile we can check the tab setting

Types of tabs:  
**Custom Object Tab:** Enables users to create a tab for a custom object to easily access and manage its records.  
**Web Tab:** Allows the integration of external web content or websites directly into the Salesforce interface.  
**Visualforce Tab:** Used to display custom Visualforce pages within the Salesforce interface.

Report formats:

Which type of report is not supported in dashboard:DashBoard support Summary and Matrix report type and dash board support tabular also but tabular report if  rows are limited (maximum 10).  
<https://www.forcetalks.com/salesforce-topic/what-type-of-report-cannot-be-used-to-run-a-dashboard-report-in-salesforce-and-why/#:~:text=Tabular%20reports%20are%20best%20for,dashboards%20unless%20rows%20are%20limited>.

Dynamic Dashboard:

The great news is that alongside this change, the previous **total widget limit was increased from 20 to 25**

**Why should we run a report:** Running a report applies the appropriate data to a Report Definition at a moment in time and generates report.Current data will be updated

Subscribing a report: Schedule to send email based on the daily,weekly or monthly and additionally we can set some condition or criteria

There is an object and that object want to restrict to create records for particular user and available for few of the user:profile level

Internal access and external access: Internal Users-is someone who is mostly taking care of Admin/Config handling by staying or connected with the system. External Users-is someone who is using your products/services through community site, and they are also part of your system but with minimum set of privileges.

Session based permission set:When we assign a permission set for certain period of time

What fields will not be available in sharing rules: In criteria-based sharing rules, you can't use lookup fields, encrypted fields, formula fields, or fields whose values are derived from other fields on the record.

Reactivity in LWC:

How will u make non primitive value to be reactive:@track annotator

Null and undefined:explicitly making a variable as null,undefined not assigned with any value

Console.log(a);

Var a=10;

Value of a=undefined🡺variable hoisting

Which will be redeclared:var/let and const=>var can be redeclared  
<https://medium.com/@jsutcliffe1991/reassignment-redeclaration-of-javascript-variables-var-let-const-3135dc02e769>

Declare an object:

Template looing:

Template iterator and template looping:  
<https://www.salesforcetroop.com/lwc/lwc-iterator-looping-in-template>

What is an iterator in LWC?The iterator directive has first and last properties that let you apply special behaviors to the first and last items in an array. Regardless of which directive you use, you must use a key directive to assign a unique ID to each item.

Conditional rendering:LWC:if,LWC:else if

Child to parent communication:

Can we modify the @api value in child component:Using getter and setter

If not with getter and setter and modify what will happen:

When u want to work with salesforce what are the tools available in lwc:lightning record form,edit form,view form,@wire adapter

Generalised name for all the lighning form:base lightning components

Employee object and should be provided with security and what should be first:

* Password policies in both profile and org level access:  
  Profile Password **Policies settings can override the Organization – Wide** **Password Policies** for that profile’s users.
* If Password Policies are not set for profile the**organization wide password policies** apply.
* Changes to the organization – wide passwords polices **do not affect profile** – **specific password polices** which may be different.

<https://salesforcethinkers.home.blog/2019/10/08/salesforce-data-security-and-access-part-1-introduction-and-password-policies/>

**Interview:Vijit – Madhubala**

Object:

Components of object:fields and records  
fields – column,records – row

When we create an user what are the mandatory fields to be required:  
Profile,UserName – email format,role,license,alias,Email

Types of license:

Global picklist:If we want to use set of picklist in multiple objects we can create a global picklist and use it where it is required.For ex:yes/No

Where we can create a global pick list:From quick find ->picklist value sets

Can we promote existing as global picklist:Yes in edit we have an option

Field history tracking:We can check if there is change in any field and also displays new and old value and also the user who change the field   
Limitation :we can add upto 20 per object/Task – only 6

Can we assign field history tracking for all datatypes:  
Limitations of using field history tracking

Some of the limitations have been explained previously, but let us summarize them here:

* By default, only a maximum of 20 fields can be tracked
* For Text Area (Long), Text Area (Rich), and Picklist (Multi-Select) type of field, you cannot track the original and new value
* Not all standard objects can be tracked; for example, User, Task, Event, Campaign, and Quote
* Not all fields can be tracked; for example, the Formula field, Roll-Up Summary, auto-number fields, Created By, Last Modified By, and Expected Revenue fields on Opportunity

List view: we can see the records in a recently used and we can select what are the fields to be visible  
Sharing access in list view is possible  
Max filters to be applied in list view:10

Schema builder:

Types of email template: text, HTML with Classic Letterhead, custom HTML, and Visualforce

Sales process:

Relationship between campaign and contact:

Sales path:

Diff b/w sales path and sales process:  
<https://www.salesforceben.com/implement-salesforce-path/>

<https://trailhead.salesforce.com/content/learn/modules/sales_admin_optimize_salesforce_for_selling/sales_admin_optimize_for_selling_unit_1#:~:text=A%20path%20gives%20reps%20a,Best%20practices>

**Interview – vijit – Bhuvaneshwari:**

Limitations of the dynamic dashboard

The number of dynamic dashboards you can configure depends on your Salesforce edition; you can have up to five dynamic dashboards for the Enterprise Edition, up to 10 dynamic dashboards for the Unlimited and Performance Editions, and three for the Developer Edition. If you need additional dynamic dashboards, you can reach your account executive to purchase them.

You can't save a dynamic dashboard to a personal folder. The dynamic dashboard must be stored in a folder with shared access.

You cannot schedule a dynamic dashboard; dashboards have to be refreshed manually.

Subscription in dynamic dashboard:Yes

dynamic dashboard can access report in private folder salesforce:No

Components in flow:Screeon component,resources,variable,connectors

Interval available by default in Schedule triggered flow:15 mins interval

In the UI:1 hour interval

For last 3 months SOQl:Last\_n\_month:3

Total context variable:13

Order of execution:

**Interview – Vijit – Ramachandran:**

**Cross-Object Formula**: <https://help.salesforce.com/s/articleView?id=sf.customize_cross_object.htm&type=5>

Limitations for creating record type in salesforce:There is no limit as per say but **Salesforce recommends 200 record types per Object**.

Data modelling: They provide a way to organize the data, enabling efficient storage and retrieval of information

Data management is the practice of collecting, using data securely and, efficiently, and cost-effectively in Salesforce.

**Salesforce data management** involves the process of exporting, importing, backup

User management in Salesforce refers to the process of **creating, maintaining, and controlling user accounts** in the Salesforce platform.

**Interview – Praveen – Vijit:**

**Lookup filter:** A lookup filter in Salesforce limits which records can be associated with child records based on criteria(s). Lookup filters can be applied to lookup, master-detail, and hierarchical relationship fields.

Sandbox:  
Developer:   
Developer Pro  
Partial copy  
Full copy

What are the things we can transfer in developer edition:metadata

Wrapper class is custom object or collection of variables different data types and function,an abstract of data ,does not consider object limit,if u want to convert the data from JSON and use it in the class and convert it into deserialize

**Interview – Gurumoorthi – Nagarajan:**

* Business hours

These hours are used to help support teams and automation processes, and to allow users to apply specific locations and time zones to cases, escalation rules, and other items. Business hours don't restrict user access, but they can help support teams show their availability and set the time when they're available to work on cases.

* Login hours

These hours are used to enforce company policies and ensure that users only access the platform during work hours. Login hours can help maintain security and compliance, and can also improve staff productivity by requiring users to work within specific time frames.

Salesforce licenses are designed for users who require full access to standard CRM and Force.com AppExchange apps. CRM apps are anything that requires access to Standard Objects like...

* Leads
* Opportunities
* Forecasts
* Cases
* Solutions

Salesforce Platform licenses are designed for users who only need access to custom apps, and NOT the standard CRM functionality. Salesforce Platform users DO have access to the "core" Salesforce Standard Objects and functionality, like...

* Accounts
* Contacts
* Reports
* Dashboards
* Documents
* Custom Tabs

So, if a user only needs to access custom Force.com or AppExchange apps, it's OK to assign them a Salesforce Platform license. On the other hand, if a user needs access to any CRM functionality (eg Sales or Service Cloud), they must be assigned a Salesforce license.

Edition Pricing:  


Where we will be using web to lead form:

can we create web to lead form with custom field salesforce:Yes we can create but we have to map the field in account or contacts

Limitation of elements inside a loop in flow:2000 element is limited

Flow deactivation tracking:Salesforce users can track flow deactivation history by using the Audit Trail to see who deactivated a flow or process. The Audit Trail tracks recent configuration changes made to a Salesforce organization by users and other system administrators. It can be especially useful for organizations with multiple system administrators.

Debug log for flows: <https://www.youtube.com/watch?v=0M0wt7AuIrw>

If in md relationship user has master record access but not detail record access so can we share the record with the user:we can share but he do not have access to detail record

Use of permission set license vs permission set:

Can we create a custom field in user object:yes we can and in relationship only hierarchial

Web to case form how the system will identify the case is related to which customer: Salesforce will automatically identify the records based on the email given in the case. And automatically update the contact and account fields in the case object.

In data loader how we can check whether the record is from recycle bin:with isDeleted=true we can check

**Interview:Nagarajan – Sridharan:**