

## Developer Console

1. Anonymous window
2. Logs
3. Query Editors
4. Understanding Logs
5. Creating Apex class
6. VF pages

## OOPS Basics :

1. Lexicals
2. Keywords
3. Variables
4. Identifiers
5. Data types
6. Statements
7. Conditions Statements
8. For Loops
9. Methods
10. OOPS -Fundamentals
11. Encapsulations
12. Class
13. Constructor
14. overloading
15. Object Creation
16. This keywords
17. Static Keywords
18. Final keywords
19. Exceptional Handling
20. Try-Catch
21. Abstraction
22. Interface
23. Setter Method
24. Getter method
25. Inheritance

## Visualforce

1. Basics
  1. Introduction
  2. MVC Architecture
  3. Need of Visualforce
  4. Server -Side Controllers
2. Creating VF Page
  1. Standard Navigation
  2. Enable Development Mode

3. Developer console
4. Eclipse
3. Visualforce Basic's Tags
  1. page
  2. standardController
  3. form
  4. pageBlock
  5. pageBlockSection
  6. pageBlockButtons
  7. commandButton
  8. commandLink
4. StandardController
  1. Referring subjects in VF pages
  2. inputFields
  3. outputFields
  4. inlineEditSupport
  5. standard Actions on Subjects
5. List View
  1. PageBlockTable
  2. DataTable
  3. DataList
  4. Repeat
  5. recordSetVar
  6. column
  7. facet
6. InputComponents
  1. inputText
  2. inputTextArea
  3. inputCheckBox
  4. inputHidden
  5. inputSecret
7. Select Components
  1. selectOption
  2. selectOptions
  3. SelectList
  4. selectCheckBoxes
  5. selectRadioButtons
8. Output Components
  1. outputLabel
  2. outputText
9. Referring apex class in VF
  1. Controller
  2. Setter Methods
  3. Getter Methods
10. Message tags
  1. PageMessage
  2. PageMesasges

## 11. Panel tags

1. PanelGrid
2. PanelGroup
3. PanelBar
4. PanelBarItem
5. outputPanel
6. tapPanel
7. tab

## 12. Other Components

1. Details
2. Iframe
3. Image
4. includeScript
5. includePage
6. Rendered, Rerender ,RenderAs
7. RelatedList

## 13. Ajax Actions

1. ActionSupport
2. ActionFunction
3. ActionPooler
4. ActionStatus
5. ActionRegion

## 14. JavaScripting

1. Basics
2. Events
3. Functions
4. Invoking functions in VF Page
5. Validation in Visualforce
6. Internal JavaScript
7. External JavaScript

## 15. Ajax

1. Ajax Connection
2. DML in Ajax
3. SOQL in Ajax
4. Remote Actions

## 16. Jquery

1. Static Resource
2. Include in Jquery in VF
3. AutoComplete
4. Toggle Functions

## 17. CSS

1. Create CSS Class
2. InternalCSS

3. External CSS
4. StaticResource In ExternalCSS
5. Bootstrap Usage in Visualforce
6. Realtime Scenario's
18. Visualforce Custom components
19. Real time use Cases
20. Converting Visualforce into Lightning
21. Create Custom Tab for Visualforce Page

## Apex

1. Subjects
2. Wrapper class
3. Collections
  1. Arrays
  2. List
  3. Set
  4. Map
  5. Wrappers
  6. Real Time snippets
  7. Example using Visualforce
4. SOQL
  1. Introduction SOQL
  2. Query Editor
  3. Workbench
  4. Static SOQL
  5. Dynamic SOQL
  6. Relational SOQL
  7. Parent -to-Child
  8. Child-to-Parent
  9. Aggregate Functions
  10. Date functions
  11. Date Literal
  12. Indexing
  13. Real Time Scenarios
  14. Snippet using List,Set,Map with Soql
  15. Snippets using wrapper and soql
5. SOSL
  1. Introduction
  2. Search data
  3. Real Time scenario's
6. DML
  1. Introduction
  2. Atomic operations
  3. Non-Atomic Operations
  4. Insert staments
  5. Update Statements

6. Delete Statements
7. Upsert Statements
8. Merge Statements
9. Database.Error
10. DML using method of Database class
11. Transactional Statements
12. Rollback and save Point
13. Governing Limits
14. Real time usecases
15. Snippets using List,Set,Map
16. Snippets using Wrapper
7. Email Services
  1. Introduction
  2. Outbound Email Service
  3. Sending SingleEmail Message
  4. Sending MassEmailMessage
  5. Sending Email Template
  6. Sending VF page as attachment
  7. Sending PDF as attachments
  8. Inbound Email service
  9. Limits
  10. Logs and debugging
  11. Realtime Scenarios
8. Triggers
  1. Introduction
  2. Drawbacks of Workflows
  3. Drawbacks of Process Builder
  4. DML Events
  5. Trigger Events
  6. Trigger Context Variables
  7. Before Triggers
  8. After Triggers
  9. Insert Triggers
  10. Update Triggers
  11. Delete Triggers
  12. Undelete Triggers
  13. Difference Between Trigger.old and oldMap
  14. Difference Between Trigger.old and Trigger.new
  15. Recursive Triggers
  16. Validation Rule with Trigger
  17. Apex based sharing using Trigger
  18. Apex based approval using Trigger
  19. Managing Teams using Triggers
  20. Invoking Batch Apex,callouts from trigger
  21. Invoking Schedule,Future Methods from Trigger
  22. RealTime Scenarios
  23. Apex Handlers

## 9. Future Methods

1. @future annotation
2. Handing Long Running Operations
3. Mixed DML Exception
4. Limits
5. Invoking callouts from Triggers
6. AsyncApexJob
7. Real Time usecases

## 10. Queueable Apex

1. Queueable Interface
2. Implementing and syntax
3. Changing of Jobs
4. Invoking Future, Schedule ,Batch Apex
5. Real Time Scenatios

## 11. Schedule Apex

1. Schedulable Interface
2. CronExpression
3. CronTrigger
4. Declartive Schedule
5. Limits
6. Invoking Future, Queue,ScheduleApex ,Batch Apex
7. Real time Scenario

## 12. Batch Apex

1. QueuyLocator
2. GetQueryLocator
3. Iterables Interface
4. Iterator
5. Batchable Interface
6. Start Method
7. Execute Method
8. Finish Mehtod
9. BatchableContext
10. Sending Email From finish Method
11. Debug Batch Apex
12. Invoking the Batch apex with in Batch apex
13. Serfalizing the Batch apex jobs
14. Database.Stateful interface
15. Implementing Database.AllowCallouts
16. Future, Queueable, Schedulable form Batch Apex
17. Real Time Scenario's
18. Limits

## 13. Extensions

1. Standard Controller
2. StandardSetController
3. Extensions
4. Overriding standard Buttons and links
5. Creating Custom Buttons



6. Creating list view buttons
  7. Invoking Flow using Buttons
  8. Overriding Standard tabs
  9. Pagination
14. Schema
1. SubjectType
  2. SubjectField
  3. DescribeSubjectResult
  4. Fetching Subject from org
  5. Fetching fields from Subject
  6. Fetching Picklist options for fields
  7. Generic Programming
15. Custom Settings
1. Introduction
  2. List Custom Setting
  3. Hierarchical Custom Setting
  4. Controlling the execution of triggers
  5. Controlling the execution of validations
16. Custom Metadata
17. Custom Sidebar components
18. Test Classes
1. Defining Test class
  2. Creating Test Factory
  3. Testing Triggers
  4. Testing Batch apex
  5. Testing Schedule
  6. Testing Email Services
  7. Testing Apex DML
19. Deployments & Version Controlling
1. Creating Sandbox
  2. Outbound ChangeSet
  3. Inbound Changeset
  4. Deployment using eclipse
  5. Deployment using ANT
  6. GIT
  7. GITHUB
20. Salesforce DX
1. Installation of VS
  2. Installation of CLI
  3. Creation of DevHub
  4. Creation of Scratch org
  5. SFDX commands
  6. Versioning
21. Agile Scrum
22. Projects
1. Project Life cycle
  2. Projects Business flow

3. Understanding user stories
4. Technical implementation
5. Handling issues
6. Project Management tools

