

SURYA TRAININGS

| SAP SERVER ACCESS | SAP MDG, UI5, FIORI, ODATA, ABAP TRAININGS |

HTML

1. What is HTML ?
2. Sections in HTML
3. Basic Tags in HTML like HTML, Head, Body, !Doctype, Title, P, BR, hr, a, img,....
4. Examples on HTML Pages

CSS

1. What is CSS ?
2. Types of CSS.
3. Inline CSS
4. Internal CSS
5. External CSS
6. Examples of CSS

DOM

1. What is DOM
2. How to view DOM
3. Importance of DOM

Java Script

1. What is Java Script
2. Importance of Java Script
3. Basic methods in Java Script
4. Output options
5. Types of variables
6. Debugging in Javascript
7. Functions
8. User-defined functions
9. Types of Java Script
10. Dynamic manipulations of HTML
11. Events in Java Script
12. Conditional Statements in Javascript
13. Looping Statements
14. Keywords
15. Switch statement, Iternary Operator
16. Java script objects - Array, Boolean, date, String, regular expressions, splice, pop, indexof, push, delete,
17. Creating and Accessing Objects in Java Script
18. Creating user defined prototypes

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JQuery

1. What is JQuery ?
2. What is CDN ? & its uses.
3. Examples on JQuery

UI5

1. What is UI5 ?
2. UX Overview
3. SAP UI5 Overview
4. SAP UI5 Architecture
5. Tools to work on SAP UI5
6. SAP Business Application Studio
7. SAP UI5 Libraries
8. SAP UI5 MVC Architecture
9. SAP UI5 Views & Controllers
10. Layout controllers
11. Fragments
12. Model & Binding
13. OData binding
14. Consume OData service in SAP UI5

FIORI

1. What is FIORI ?
2. Difference b/w SAP UI5 & SAP FIORI
3. FIORI Architecture
4. FIORI Launchpad
5. What is Catalog & Groups
6. Enable FIORI Applications (Configurations)
7. FIORI Rapid activations
8. FIORI Custom developments

OData

1. What is OData ?
2. Deployments options OData
3. Basic transactions in OData
4. How to create a service in OData
5. How to test a service in OData
6. Additional Options in OData
7. OData output in JSON/XML

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SAP Project Overview

1. What is SAP ?
2. SAP Evolution
3. SAP Architecture
4. Landscape in SAP
5. Project requirements in SAP
6. Project flow in SAP
7. What is FS & TS
8. Testing in SAP
9. Roles & Authorizations in SAP

SYLLABUS

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|---|--|---|
| 1. Web Technologies <ul style="list-style-type: none">• HTML• CSS• JS• Jquery• CDN (Content Delivery Network) | <ul style="list-style-type: none">• Navigation• Data models<ul style="list-style-type: none">• XML• JSON• JS• Odata (99% - model in real time)• Templates<ul style="list-style-type: none">• Ready to use –templates (Graphical)• FIORI elements – ABAP'er• Command based templated (CLI)• Tools to develop UI5<ul style="list-style-type: none">• Business Application Studio (Latest)• WebIDE (Deprecated)• Eclipse (Deprecated)• Visual Studio (Only practise purpose) | 3. Deployment <ul style="list-style-type: none">• Using CLI – Backend• Graphical mode - Backend• Data models – From test system – Only Read data |
| 2. UI5 Framework <ul style="list-style-type: none">• Libraries<ul style="list-style-type: none">• Sap.m• Sap.ui.commons• Sap.ui.core.mvc•• MVC Architecture | | 4. Standard FIORI app activations <ul style="list-style-type: none">• Individual App activation• Group of App activations• Lighthouse App activations• WebDynPro, Transactional App activations• Catalog, group, roles |
| | | 5. SAP Landscape |
| | | 6. TR – Transport mechanism |
| | | 7. GIT Hub |