

20 DAYS SAP ABAP ROADMAP



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Day	Sub Work	Topic (Micro Details)	Theory / Practical
1	1	ERP Details, SAP Introduction, Architecture(SAP)	Theory
1	2	SAP Interface Introduction, ABAP Details, Landscape(SAP)	Theory
1	3	Transport Request, SAP Memory, ABAP Memory, Data Types, Operators.	Theory
1	4	Package Creation, Data Dictionary, Creating Tables, Views.	Practical
1	5	Morning Assignment And Post Lunch Assignment (Create Tables Using Foreign Keys)	Practical
2	1	ABAP Dictionary : Data Types - Structure (Include And Append Structure)	Practical
2	2	Type Groups, Domain(Ways To Create Domain)	Theory
2	3	Created types of search help(Elementory And Collective). Completed SE11 Part.	Practical
2	4	SE38 Started, Fundamentals Of Coding + 20 Coding Programs In ABAP As Assignment	Practical
2	5	Internal tables and it's types (Creation using coding) , Structures , Work area.	Practical



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3	1	Assignment Of Internal Tables Creation Using Header Lines And Without Header Lines.	Practical
3	2	SQL, Various operations on sql.	Theory
3	3	Assignment on SQL , Fetching data from standard table and displaying it.	Practical
3	4	Modularization Techniques : Macros, Include, Function Module, Subroutine, Module Pool	Theory / Practical
4	1	Module Pool Practice(Screen Painter), Module Pool Assignment (Pre-Lunch)	Practical
4	2	RICEF Started: Reports, Interfaces, Conversion, Enhancement, Forms	Theory
4	3	Conversion : LSMW And BDC Conversion	Theory
4	4	LSMW Practical Using Batch Input Recording Method	Practical



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Day	Sub Work	Topic (Micro Details)	Theory / Practical
5	1	Practice : Tables Using SE11	Practical
5	2	Practice : Tables Using Coding (Internal tables and work areas)	Practical
5	3	Practice : Views And Search Help	Practical
5	4	Practice : Function Group And Function Module, Module Pool	Practical
6	1	Batch Data Control Type Of Conversion.	Theory
6	2	BDC : i) Call Transaction ii) Session Method	Practical
6	3	SmartForms	Theory
6	4	Smartforms Creation	Practical



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Day	Sub Work	Topic (Micro Details)	Theory / Practical
7	1	Assignment on smartforms	Practical
7	2	Smartforms using driver code	Practical
7	3	Practice of smartforms	Practical
8	1	Reports And Types Of Reports	Theory
8	2	Classical Reports (Creation)	Practical
8	3	Interactive Reports (Creation) Using MARD, MAKTR, MARA Standard Table	Practical



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9	1	Types Of Joins And Advanced List View Reports	Practical
9	2	Interactive Advanced List View Reports	Practical
9	3	Block Advanced List View Reports	Practical
9	4	Hierarchical Advanced List View Reports	Practical
10	1	Block Advanced List View Reports	Practical
10	2	Practice On Block ALV Reports	Practical



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Day	Sub Work	Topic (Micro Details)	Theory / Practical
11	1	SLDB - Logical DB Builder	Practical
11	2	HANA Inline Declarations	Theory
11	3	HANA Inline Declarations	Practical
12	1	HANA Theory	Theory
12	2	Created Tables In HANA Database Without Query.	Practical
12	3	Created Tables In HANA Database With Query.	Practical
12	4	SQL Operations (Deep)	Practical
13	1	Created Functions In HANA Database	Practical
13	2	Exam Practice And Exam	Practical
14	1	Modelling and it's types	Theory
14	2	Attribute, Analytic Views	Practical
14	3	Calculation Views	Practical



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Day	Sub Work	Topic (Micro Details)	Theory / Practical
15	1	ABAP OOPS Concepts And Program	Practical
15	2	Global And Local Class	Practical
15	3	AMDP Detail	Practical
16	1	Creating Class In Eclipse And Call Back Program For Class	Practical
16	2	Creating Transport Request	Practical
17	1	Core Data Services	Theory
17	2	Core Data Services Practicals (In Eclipse)	Practical
18	1	Web Dynpro	Practical
18	2	Web Dynpro Assignment	Practical
18	3	Enhancements (User Exit, Customer Exit And BADI)	Theory
18	4	Function, Menu, Field, Screen Exits In Detail.	Theory



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Day	Sub Work	Topic (Micro Details)	Theory / Practical
19	1	Classic and new BADIs (SE18, SE19)	Practical
19	2	Local File Uploading In HANA	Theory
19	3	Assignment On Web Dynpro (SE80)	Practical
20	1	Remote Function Call (RFC)	Theory
20	2	Buisness Application Programming Interface (BAPI)	Theory
20	3	Intermediate Document (IDOC)	Theory
20	4	Restful Application Programming (RAP)	Theory
20	5	Introduction to fiori and UI5	Theory



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