

IMPACTPLUS - 100 DAYS – GET 100% JOB READY – TRAINING SYLLABUS

Day	Topics	Video's duration	Trainer	Group discussion (interview)	Practice lab	Assignment duration	Total minutes
C Language							
1	Introduction and First Program	42	100	30	90	60	370
	Variables and Datatypes	48					
2	Console IO Operations	47	60	30	160		378
	Operators and Expressions	81					
	ControlFlow Statements part-1	100					
	ControlFlow Statements part-2	100	60	30	90		360
4	Working with Functions	83					
5	Working with Arrays	89	60	30	100		279
C# Language							
6	MS.NET Framework Introduction	154	120	120			394
7	VS.NET and Entry Point Method	102	30	45	80	40	397
	C# Language Syntax	100					
8	C# Language Syntax with examples	200	30	60	60		350
9	Working with functions	100	60	30	60	60	320
9	OOPs - Concepts		60	60	60	60	390
	OOPs - Concepts with examples	150					
10	OOPs - Programming Encapsulation	150	60	100	60	60	430
11	OOPs-Programming Encapsulation Using Create GUI Application	100	60	30	80	60	330
12	Vehicle Assignment For Encapsulation		60		120	120	300
13	OOPs - Inheritance		30	60	60	60	360
	OOPs - Inheritance Using Develop GUI Application	150					
14	Vehicle Assignment for Inheritance		60		120	120	300

15	OOPs - Interface & Polymorphism						
	OOPs-Interface&polymorphism Using Develop GUI Application	65	30	60	120	120	395
16	Vehicle Assignment for Ploymorshism		60		120	120	300
17	Collections and Generics	146					
	Collections and Generics Using Develop GUI Application		45	60	60	80	391
18	Vehicle assignment for Collections and Generics		60		120	120	300
19	Assemblies and GAC	96					
	Exception Handling	90	45	45	60	60	396
20	IO Streams	170	45	60	60	60	395
21	ADO.NET Evolution And Role OfManaged Providers	36					
	Installing SQL Server And Management Studio	8					
	Establishing Connction With Database And Connection Pooling	42					
	Executing Insert, Update And Delete Commands	32	60	45	120	120	360
22	Fetching Data Using Select Command	26					
	How to Implement Login in Application	17					
	Multiple Active Resultsets	18	60	45	120	120	360
23	Parameterized Prepared Statements	48					
	Executing Stored Procedures	32	60	45	120	120	425
24	Managing Database Transaction And DTC	39					
	Asynchronous Execution Of SQL Commands	21					
	Writing Managed Provider Independent Code	19	60	60	120	120	360
	Writing Utility Class With Common Code	16					
	Summary And API Used	13					
25	Vehicle Assignment for Connected Oriented Architecture		60		120	150	330
26	Introduction to DataSet	24					
	Filling And Updating DataSet And DataTable Using DataAdapter	53	60	60	120	120	360

	Adding, Editing And Deleting Rows in DataTable	16					
27	DataAdapter Events	28	60	60	120	120	424
	Handling Optimistic Concurrency	36					
28	Sorting And Filtering With DataView	21	60	60	120	100	360
	Constraints And Data Relations Object	26					
	Dynamically Creating DataSet And DataTable	17					
	Typed DataSet	34					
	Summary	12					
28	Vehicle Assignment for Disconnected oriented architecture		60		120	150	330
29	LINQ Centric C# Language Extensions	70	45	60	120	120	433
	Linq Architecture	18					
30	Linq Queries	142	45	45	120	120	472
31	Linq to SQL	242	10	30	60	60	421
	Linq To DataSet	19					
32	Entity Framework Introduction	55	30	30	60	60	328
	CRUD Operations	93					
33	Querying Database	54	30	45	60	60	314
	Additional Features	65					
Projects:Developing Windows Forms Applications							
34	Vehicle Concept Based Developing Windows Forms Application		60		150	120	330
35 to37	Contacts Manager Using Windows Forms Application		120	60	400	400	980
38	Mock Interview Stage-1						
39	Mock Interview Stage-2						
40	Mock Interview Stage-3						
SQL Server							
41	Basic Concepts	100					

Doubt clarification and interviews **module-1** Final exams decide Feedback

42	ER-Modeling	19					
	Normalization	17					
	Introduction To SQL Server	140					
43	DDL DML Statements	55					
	DQL Statements	70					
44	Aggregate	74					
	Joins	140					
45	Constraints	65					
	Views	64					
46	Stored Procedure	90					
	Triggers	100					
47	Index	75					

HTML & CSS & JAVASCRIPT

48	Web Programming Introduction Free module	45					
	HTML-Introduction	30					
	HTML-Grouping Using Div Span	7	60	30	100	60	360
	HTML-Lists	8					
	HTML-Image	19					
	HTML-Hyperlink	19					
	HTML-Table	13					
49	HTML-IFrame	9					
	HTML-Form	13	30	60	120	120	360
	HTML-Headers	8					
	HTML-Miscellaneous	8					
50	CSS-Introduction	14					
	CSS-Syntax	14					
	CSS-Selectors	27					
	CSS-Color Background Cursor	16	45	30	80	80	360
	CSS-Text Fonts	12					
	CSS-Lists Tables	17					
	CSS-Box Modal	20					
	CSS-Display Positioning	32					
51	JavaScript-Intoduction and First Program	28					
	JavaScript-Language Basics	67	45	30	60	60	360

	JavaScript-Built In Functions	49					
52	JavaScript-Forms	67	45	30	60	60	360
	JavaScript-HTML Document Object Model	80					
53	JavaScript-Cookies	39	45	30	60	60	320
	JavaScript-Working with Classes and Objects	41					
		ASP.NET MVC					
54	Asp.Net Introduction	45	60	60	100	40	350
	Prerequisite-Overview of Classic ASP	171					
	Prerequisite-ASP.NET Introduction and Controls						
55	Introduction to MVC	49	60	60	100	40	360
	First MVC Application	42					
56	Exploring Controllers	100	60	60	100	40	360
57	Razor Introduction and Syntax	29	45	60	100	50	330
	Working with Layout Pages	29					
	Partial Views	11					
	Types of Views	6					
	Understanding Model Binders	86	60	60	100	60	360
58	CRUD operations using Entity Framework	100	30	60	100	60	360
		Web API+Angular-4					
59	Web Api Introduction	19	60	60	90	100	380
	Simple Web API example with jquery client	26					
	CURD Operations usng Web API	30					
60	TypeScript-Introduction	25	60	60	100	40	360
	TypeScript-Basic Data Types	40					
61	TypeScript-Destructing & Spread	52					
	TypeScript-Working with Classes	42					

	TypeScript-Interfaces	39	60	60	100	50	350
62	TypeScript-Function Types	18					
	TypeScript-Modules	30					
	TypeScript-Namespaces	13					
	TypeScript-Ambients	13	60	60	100	50	360
63	Introduction to Angular	25					
	Angular Architecture	30					
	Displaying Data using Templates	56	60	60	90	30	360
64	Data Binding	58					
	Styles Binding In Components	30					
	Advanced Component Features	26	60	60	90	30	360
65	Template Driven Forms	50					
	Reactive Forms	29	60	60	100	50	350
66	Pipes	54	60	60	100	60	340
67	Custom Directives	69					
	Dependency Injection	69	60	40	60	50	350
68	Services In Angular	64	60	60	100	60	350
69	Angular Routing	59	60	60	100	60	350
70	Angular Modules	72	60	50	100	60	350
71	Performing CRUD Operations as in Realtime Angular Application.	64	30	60	100	60	310
Projects							
73	Mini-Project Vehicle Assignment covers all modules with ASP.NET MVC		60	120	400	400	980
77	Contacts Manager application with ASP.NET MVC+angular		180	120	600	300	1200
87	Live Project:Online Shopping Store Project Web API +Angular		300	180	10200	10200	20880
95	Online Shopping Store Project Using Xamarin developing mobiles applications		300	180	10200	10200	20880
Hosting Web Application in Azure							
96	<u>Azure App Service - WebApp</u>	180	60	100	90	55	485
97	SQL Database Service	185	60	90	90	55	480
100	Azure Storage Service	150	60	80	90	60	440

