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SDAC C Programming

Topic	Description
What is C Language	What is C Language, History of C, Features of C, How to install C, First C Program, Flow of C Program, printf scanf, Variables in C, Data Types in c, Keywords in c, C Operators, C Comments, C Escape Sequence, Constants in C
C Control Statements	C if-else, C switch, C Loops, C do-while loop, C while loop, C for loop, C break, C continue, C goto, Type Casting
C Functions	What is function, Call: Value & Reference, Recursion in c, Storage Classes
C Array	1-D Array, 2-D Array, Array to Function
C Pointers	C Pointers, C Pointer to Pointer, C Pointer Arithmetic
C Dynamic Memory	Dynamic memory allocation
C Strings	C gets() & puts(), C String Functions, C strlen(), C strcpy(), C strcat(), C strcmp(), C strev(), C strlwr(), Cstrupr(), C strstr()
C Math	C Math Functions
C Structure Union	C Structure, C Array of Structures, C Nested Structure, C Union
C File Handling	C File Handling, C fprintf() fscanf(), C fputc() fgetc(), C fputs() fgets(), C fseek(), C rewind(), C ftell()
C Preprocessor	C Preprocessor, C Macros, C #include, C #define, C #undef, C #ifdef, C #ifndef, C #if, C #else, C #error

SDAC C++ Programming

Course	Skill
What is C++	C vs C++, C++ History, C++ Features, C++ Installation, C++ Program, C++ cout, cin, endl, C++ Variable, C++ Data types, C++ Keywords, C++ Operators
C++ Control Statement	C++ if-else, C++ switch, C++ For Loop, C++ While Loop, C++ Do-While Loop, C++ Break Statement, C++ Continue Statement, C++ Goto Statement, C++ Comments
C++ Functions	C++ Functions, Call by value & reference, C++ Recursion, C++ Storage Classes
C++ Arrays	C++ Array to Function, Multidimensional Arrays
C++ Pointers	C++ Pointers
C++ Object Class	C++ OOPs Concepts, C++ Object Class, C++ Constructor, C++ Destructor, C++ this Pointer, C++ static, C++ Structs, C++ Enumeration, C++ Friend Function
C++ Inheritance	C++ Inheritance, C++ Aggregation
C++ Polymorphism	C++ Polymorphism, C++ Overloading, C++ Overriding, C++ Virtual Function
C++ Abstraction	C++ Interfaces, C++ Data Abstraction
C++ Namespaces	C++ Namespaces
C++ Strings	C++ Strings
C++ Exceptions	C++ Exception Handling, C++ try/catch, C++ User-Defined
C++ File & Stream	C++ File & Stream

SDAC Core Java

Course	Skill	Description
OOPs		Object oriented programming is the base of Java. This is very important to understand properly. We provide separate session for OOPs before moving towards Java.
Core Java	Object Oriented	Object Oriented Programming (OOPs) are used for developing simple java applications.
	Desktop Based Application	Client based simple desktop based applications.
	Project	Project using concepts of core java.

SDAC Advanced Java

Course	Skill	Description
RWD	HTML,	Html is used for Designing the structure of the website
	CSS	CSS is used for Designing the look and feel of website.
	JavaScript	JavaScript is used for Giving form, password validation. Creating a Basic Web application.
Advanced Java	JSP, Servlet,	Advanced Java technologies used for the web based application development.
	Server Configuration	Server Configuration is about deploying website on server.

SDAC Android

Course	Skill	Description
Android	<ul style="list-style-type: none">• Android Basic• Android Development• Android-User Interface• Activity and Intent usign Fragments and the Action Bar• Android menu• Android Services• Broadcast Receiver and Notification Manager• Android Multimedia• Android Sensor and Touch• Android Location API and Google Map• Android Speech• Android Telephony• Android file and networkl access• Android Web Services• Project on Android for mobile based Application	Complete study of Android Technology

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Making Nation Employable

SDAC Web Designing

Course	Skill
Html	Introduction to HTML, HTML Tags, HTML5 Tags
CSS	Introduction to CSS, CSS Properties, CSS Advance, CSS Design
Javascript	Introduction to Javascript, Javascript Bascis, Javascript Objects, Javascript Browser Object Methods, Javascript Document Object Methods, Javascript Validations, Javascript Events.
JQuery	Introduction to JQuery, JQuery Effects methods, JQuery advanced methods, JQuery Form, JQuery Events
Bootstrap	Introduction to Bootstrap, Bootstrap Properties, Bootstrap Advance
Angular JS	Introduction to Angular JS, Angular JS Properties, Angular JS Advance
Ajax	Introduction to Ajax, Java Ajax, JSON Ajax

SDAC S.E.O.

Course	Skill	Description
S.E.O.	Introduction to S.E.O.	
	On Page S.E.O.	SEO Page Title, SEO Meta Description, SEO Meta Keywords, SEO Headings, SEO Optimized Domain, SEO Canonical Tag, SEO Meta Tags, Miscellaneous Meta Tags, Open Graph Meta Tags, SEO Images, SEO Internal link, SEO Site Map, SEO Hidden Text, SEO Web Hosting, SEO Robots Meta Tag, SEO 301 Redirect, SEO 404 error.
	Off Page S.E.O.	SEO Page Rank, SEO Link Popularity, SEO Directory Submission, SEO Social Bookmarks, SEO Blog Submission, SEO Article Submission, SEO Reciprocal, SEO Forum Posting, Search Engine Submission, RSS Feed Submission, Press Release Submission.
	Digital Marketing	Brief overview of various digital marketing strategies such as Facebook marketing, Google crawling, marketing through YouTube channel, Email Marketing

SDAC Spring

Topic	Description
Spring Tutorial	What is Spring open link, Spring Modules, Spring Application
Spring in IDE	Spring in Myeclipse, Spring in Eclipse, Dependency Injection, IOC container
Dependency Injection	Constructor Injection, CI Dependent Object, CI with collection, CI with collection 2, CI with Map, CI with Map2, CI Inheriting Bean, Setter Injection, SI Dependent Object, SI with Collection, SI with Collection 2, SI with Map, SI with Map 2, CI vs SI, Autowiring, Factory Method
Spring AOP	AOP Concepts, Spring1.2 AOP DTD, SP AspectJ, Annotation, SP AspectJ XML, Spring JdbcTemplate, JdbcTemplate Example, PreparedStatement, ResultSetExtractor, RowMapper, NamedParameter, SimpleJdbcTemplate
Spring ORM	Spring with ORM, Spring with Hibernate, Spring with JPA
SpEL	SpEL Examples, Operators in SpEL, variable in SpEL, Spring MVC
Spring MVC	Multiple Controller, Request Response, MVC Form Example, MVC CRUD Example, MVC Pagination Example, MVC File Upload
Spring MVC Tiles	Spring MVC Tiles
Spring Remoting	Remoting with Spring, Spring with RMI, Http Invoker, HessianBurlap, Spring with JMS
Spring OXM	Spring with JAXB, Spring with Xstream, Spring with Castor
Spring Java Mail	Spring Java Mail, Spring with Struts2